S
636.0812
S18r
1888
c-1

STATE DOCUMENTS
Jun 1977

Annual Reports

—OF THE—

Board of Stock Commissioners

—THE—

Veterinary Surgeon

—AND THE—

Recorder of Marks and Brands

—OF—

Montana Territory

For the Year 1888.

HELENA, M. T.
JOURNAL PUBLISHING CO.
1888.

Montana State Library
3 0864 1005 9469 9

COMPLIMENTS OF

R. B. HARRISON,

General Recorder of Brands and Marks.

Digitized by the Internet Archive
in 2010 with funding from
Montana State Library

http://www.archive.org/details/reportofboardofs1888mont

· · REPORT · ·

—OF THE—

Board of Stock Commissioners

—OF—

Montana Territory.

· · REPORT · ·

—OF THE—

Veterinary Surgeon of Montana Ter.

ANNUAL REPORT

—OF THE—

Recorder of Marks and Brands

—OF—

Montana Territory,

FOR THE YEAR 1887.

HELENA, M. T.
JOURNAL PUBLISHING CO.
1888.

OFFICE OF THE

Territorial Board of Stock Commissioners.

HELENA, MONTANA, April 18th, 1888.

To His Excellency, Hon. PRESTON H. LESLIE,

Governor, Territory of Montana.

SIR :—

The Territorial Board of Stock Commissioners of this Territory respectfully beg leave to tender to you this, their second official report, embodying the work of the Board for the year 1887, including the report of the Territorial Veterinary Surgeon and his deputies as required by Law. To this report we also respectfully add as an Appendix and as required by law, the report of the Territorial Recorder of Brands and Marks.

At the beginning of the year 1887 the following Counties were under the jurisdiction of the Board and the Board of Stock Commissioners was composed as follows :—

Stock Commissioner	for	Choteau County	C. Wallace Taylor.
"	"	" Custer County	Joseph Scott.
"	"	" Dawson County	E. P. Lovejoy.
"	"	" Fergus County	Granville Stuart.
"	"	" Lewis and Clarke County	B. F. Potts.
"	"	" Meagher County	David Fratt.
"	"	" Yellowstone County	Alfred Myers.

On the 17th day of June, 1887, Ex-Governor B. F. Potts, Vice-President of our Board and Stock Commissioner for Lewis and Clarke County, died after a short illness. Governor Potts by reason of his life-long experience in the stock business, together with his sound judgment, care, and foresight, was a most useful and efficient member of the Board. His remarkably long service as the Executive of this Territory had given him a very wide acquaintance and a thorough knowledge, as to the needs of the stock-raising industries of Montana, for protection and development. It is with feelings of great sorrow that we mourn his loss.

On the 25th day of August, 1887, J. T. Murphy of Helena was appointed to the vacancy as Stock Commissioner, caused by his death.

On the 13th day of October, Stock Commissioner E. P. Lovejoy of wson County tendered his resignation which was transmitted to you.

At the close of the year there existed a vacancy for this County in the Board.

At the 15th regular session of the Legislature in January and February, 1887, the following amendment was passed to "An Act for the better protection of the Live Stock interests of the Territory" :—

"SECTION 32.—That the Governor of the Territory is hereby authorised to nominate and by and with the consent of the council appoint a Board of Stock Commissioners, consisting of one member for each of the counties of Dawson, Custer, Yellowstone, Meagher, Choteau, Fergus, Lewis and Clarke, and such other counties as hereafter may require, by action of the County Commissioners of such county, the appointment of a member of the Board of Stock Commissioners therein, and such Stock Commissioners, upon entering upon their duties, shall take an oath to support and uphold the Constitution of the United States, and the laws of the Territory, and to well and truly perform their duties, as provided by law, which oath shall be filed in the office of the Secretary of the Territory, and all such counties not hereinbefore named shall be and constitute the Third District."

This amendment is Section 32, Fifth Divison, Compiled Statutes of Montana.

The object of this amendment to the existing law was to meet an urgent demand from other counties of the Territory for a general act of the Legislature which would enable counties not under the operations of the Board and the Law to secure its advantages. All that is necessary now for any county in the Territory to secure the protection afforded by law and the operations of the Board, is to secure an application by the County Com missioners of the county to the Governor to be placed under the operations of the Board and requesting the Governor to appoint a Stock Commissioner and then levy the Tax.

During the year the stockmen of Madison and Silver Bow Counties, appreciating the importance of this law, petitioned their County Commissioners to have them placed under the operations of the Board, and the County Commissioners of these counties took favorable action thereon and made application to the Governor of the Territory to make appointments of Stock Commissioners for their counties.

Mr. S. R. Buford of Virginia City was appointed Stock Commissioner for Madison County on the 22d day of July 1887, and Mr. P. A. Largey was appointed upon the 26th day of October as Stock Commissioner for Silver Bow County.

At the close of the year the Board of Stock Commissioners was constituted as follows :—

Stock Commissioner	for	Choteau County	.....	C. Wallace Taylor.
"	"	" Custer County	.....	Joseph Scott.
"	"	" Dawson County	.....	Vacancy.
"	"	" Fergus County	.....	Granville Stuart.
"	"	" Lewis and Clarke County	.....	J. T. Murphy.
"	"	" Meagher County	.....	David Fratt.
"	"	" Yellowstone County	.....	Alfred Myers.
"	"	" Madison County	.....	S. R. Buford.
"	"	" Silver Bow County	.....	P. A. Largey.

Making nine counties out of fifteen under the the operations of the Board.

Other counties are considering the advisability of coming under law and in a number, favorable action will undoubtedly be taken this year.

At the begining of the year 1887 the Boa.d had nine Stock Inspectors and Detectives in their employ as follows:

NAME.	P. O. ADDRESS.
Barney, C. W., First District	Billings, Yellowstone County.
Cantrell, Wm., Second District	Fort Maginnis, Meagher County.
Hard, C. D., Second District	Helena, Lewis and Clarke County.
Hughes, F. E., First District	Mandan, Dakota Territory.
Mattheus, T. A., First District	Glendive, Dawson County.
Smith, W. D., First District	Miles City, Custer County.
Sweeney, W. A., Second District	Fort Benton, Choteau County.
Watts, Wm., Second District	Choteau, Choteau County.
Willard, F. A., First District	Medora, Dokota Territory.

To assist the Board of Stock Commissioners in its work a number of persons have volunteered to serve the Board every way they can without compensation. To assist these parties in their operations on behalf of the stock interests of the Territory, the Board of Stock Commissioners have conferred upon them the appointment of Stock Inspectors. The following persons are serving in this capacity and rendering valuable services whenever an opportunity occurs:—

R. B. Harrison	Helena, Montana.
H. S. Campbell	Crow Agency.
Whittaker F. Stephens	Muddy, Custer Co., M, T.
L. A. Walker	Helena, Montana.
C. D. Hard	Helena, Montana.

It became apparent to the Board of Stock Commissioners at their Spring meeting at Miles City in April 1887 that it would be necessary to largely reduce the force of Inspectors and Detectives as well as all other expenses as soon as the cattle shipping season was over. This action was rendered necessary by reason of the large and serious losses of live stock throughout Montana during the winter of 1886-87 which would curtail the revenue at the disposal of the Board. The first step taken with this idea in view was dispensing with the services of Inspector Willard at Medora, Dakota, on April 21, 1887.

At the fall meeting held in August the Board gave a great deal of additional attention to the question of reducing the force and expenses. Inspector Campbell was notified that his services could not be continued after the 1st of September. Inspector C. D. Hard was notified that his services could not be continued with pay after the 1st of September. He thereupon volunteered to aid and assist the Board in every way possible, consenting to act as Stock Inspector without pay until such time as the Board could reinstate him. At this meeting it was ordered that Inspectors Anderson and Thomas be notified that their services could not be continued after the 15th day of November. The services of Inspectors Watts and Campbell were dispensed with on September 1st, 1887, while Inspectors Hughes, Sweeney and Barney left the employ of the Board earlier in the year.

The following Inspectors were retained on reduced pay during the winter and their duties extended to embrace all counties under the operation of the law:—

T. A. Mattheus	First District.
W. D. Smith	First District.
William Cantrell	Second District.

During the shipping season or the time of the year when the beef cattle were being sent to Eastern markets the Board had in its employ J. H. Lander as Stock Inspector at the St. Paul Stockyards and he conducted the inspection there of all cattle and horses bound East until the new yards were opened. Then it was impossible for him to inspect at both places and the Board ordered Mr. Thos. A. Mattheus, Stock Inspector, to report to St. Paul to conduct the inspection at the new yards during the rest of the season. Mr. Lander was in the employ of the Board from the first of June, 1887 to December first 1887 and Mr. Mattheus conducted the inspection at the new yards from the end of September until December first 1887. These Inspectors had a very large amount of work to perform in inspecting all the cattle shipments from Montana, Northern Wyoming and Western Dakota ranges, and the total shipments inspected by them aggregated 80,660 head of cattle. They performed their duties in a most satisfactory manner.

The operations of the force of Inspectors and Detectives in the service of the Board during the year 1887 covered all the counties of the Territory under the jurisdiction of the Board, together with the thorough inspection of all the cattle shipped out of the Territory. Many of the Inspectors and Detectives have been in the employ of the Board since its organization and have become exceedingly efficient and useful. All of them have performed their duties in a conscientious and careful manner and the results have been very beneficial not only to the stockmen in the counties named but to those generally throughout the Territory. The Stock Inspectors and Detectives have rendered much service in the enforcement of the law and the capture and conviction of offenders, not only against the stock interests of Montana but in the general enforcement of its criminal laws. In this connection it should be stated that the mere fact of having Inspectors acting in various localities has been of very great benefit in the way of the prevention of crime of all kinds. The benefits derived in this way from the system are almost as important as the direct and more apparent ones. All the expense connected with the operations of the law under which we act has been paid by the live stock owners, no one else contributing anything to that end. To prevent the operation of this law causing any embarrasment to small stock owners Section 44, Fifth Division, Compiled Laws, reads as follows:—"When any person is the owner of not exceeding ten cows, and two horses or two mules, such animals shall be exempt from taxation under the provisions of this act."

It is hoped that the good results derived from the system in the counties which have adopted it will in the near future induce all other counties to have Stock Commissioners appointed and enable the Board to extend its beneficial results to the protection and preservation of the live stock interests throughout the entire Territory.

A very strong reason why all the stock counties should unite in this matter for mutual protection, is the fact that the presence of Inspectors in a portion of them has had a marked and noticeable effect in driving the thieves and disreputable characters into the other counties, not embraced in the law, as is shown by tne large increase in depredations in those counties.

Your Board respectfully calls attention to the fact that during the year 1887, 82,134 head of cattle were inspected, of which 67,254 head were re-inspected at Minnesota Transfer, that 3,149 strays were recovered in shipments; 193 upon ranges and 13 persons were arrested. The number of convictions cannot be given as in many cases trials have not taken place.

For convenient reference we append hereto tables showing the revenue at the disposal of the Board derived from the various counties of the Territory during 1887; the number of arrests made by each Inspector; the inspections and re-inspections of cattle; the strays recovered; the amount of money received by the Board for the strays; together with a summary of the operations of the Board each year since its creation.

Exhibit of the Stock Inspector and Detective Fund, for 1887, as shown by the Report of the Territorial Auditor.

Total Stock Inspector and Detective Fund warrants issued in 1887		$18,319 40
Interest paid on Stock Inspector and Detective Fund warrants in 1887		153 92
Total Stock Inspector and Detective Fund expenses in 1887		$18,473 32
Stock Inspector and Detective Fund warrants outstanding January 1, 1887		700 00
		$19,173 32
Deduct Stock Inspector and Detective Fund paid in 1887	$17,771 65	
Interest paid on Stock Inspector and Detective Fund warrants in 1887,	153 92	
		$17,925 57
Stock Inspector and Detective Fund warrants out-standing as shown by Ledger and Warrant Register January 1, 1887		$ 1,247 75

Exhibit of the Stock Inspector and Detective Fund, for 1887, as shown by the Report of the Territorial Treasurer.

Balance in Fund, December 31, 1886		$ 7,444 47
Amount received from Treasurer of	Choteau County	1,874 16
" " " "	Custer County	3,013 60
" " " "	Dawson County	1,161 51
" " " "	Fergus County	1,643 04
" " " "	Lewis and Clarke County	1,071 95
" " " "	Meagher County	1,907 17
" " " "	Madison County	1,452 22
" " " "	Yellowstone County	787 58
Total		$20,355 70

DISBURSEMENTS.

Warrants on this fund and interest on the same paid, cancelled and returned to Auditor	$17,925 57
Balance in Fund, January 1st, 1888	2,430 13
	$20,355 70

As the itemised disbursements of the Board appear in the Auditor and Treasurer's Report, for 1887, which has already had a wide circulation, it is not thought necessary to repeat in this report.

During the year 1887 the Detective Corps made thirteen arrests for offences against the stock laws. They were divided as follows:—

Barney	6
Smith	6
Mattheus	1
Total	13

During the year the following cattle were inspected :—

INSPECTION OF CATTLE.

INSPECTOR.	IN SHIPMENTS.	IN DRIVES.	TOTAL.
Anderson	11,905		11,905
Hard	64		64
Lander—First inspection	14,596		14,596
Lander—Re-inspection	15,459		15,459
Mattheus	51,905	1,172	53,077
Smith	36,950	11,100	48,050
Thomas	7,327		7,327
Hides inspected	21		21
	138,227	12,272	150,499

The places of inspection were as follows :—

Total number of cattle inspected	150,499
At Big Sandy	7,327
Billings	2,783
Custer	5,050
Dickinson	6,883
Fallon	7,986
Forsyth	4,601
Galpln	411
Helena	64
Huntley	4,096
Livingston	327
Merrill	1,197
Miles City	14,067
Mingusville	10,182
Minnesota Transfer	62,414
Poplar River	2,082
Rosebud	1,283
South St. Paul	18.246
Terry	1,500
Total	150,499

The cattle shipped, 138,227, were included in a total of 6,941 cars, made up as follows :—

NUMBER OF CARS OF CATTLE INSPECTED BE EACH INSPECTOR.

Anderson	615
Hard	3
Lander—First inspection	734
Lander—Re-inspection	776
Mattheus	2,630
Smith	1,881
Thomas	302
Total	6,941

In the above named inspections, the corps discovered and took receipts for 3,149 stray head of cattle, which receipts are now on file with the Secretary of the Board. This number was made up as follows :—

STATEMENT OF STRAYS RECOVERED.

INSPECTOR	STEERS	COWS	HORSES	TOTAL
Anderson	220			220
Mattheus	722	25		747
Thomas	627	1		628
Smith	564	8		572
Lander	973	3	6	982
Total	3,106	37	6	3,149

The above mentioned strays were receipted for at the following places :—

Billings	105
Bingham	1
Buffalo	9
Big Sandy	628
Custer	40
Dickinson	53
Ennis	1
Fallon	30
Forsyth	76
Helena	37
Huntley	23
Merrill	130
Miles City	177
Mingusville	107
Minnesota Transfer	855
Rosebud	35
South St. Paul	844
Total	3,149

In addition to the above strays discovered in shipments and drives, the inspectors found and recovered 193 strays upon the ranges. This number is made up as follows :—

STATEMENT OF STRAYS FOUND ON RANGE.

INSPECTOR	STEERS	COWS	HORSES	BULLS	TOTAL
Campbell	1		54		55
Willard		4	3		7
Barney			28		28
Mattheus	4		14	1	19
Watts			12		12
Thomas			13		13
Anderson			19		19
Smith		1	39		40
Totals	5	5	182	1	193

That the results accomplished during 1887 are more satisfactory than accomplished during the previous years is demonstrated by the following statistics, and the fact that there passed through the hands of the Board of Stock Commissioners a total amount of $15,825.36, in settlement for strays discovered by the Stock Inspectors, a sum larger than both the previous years combined. In 1885 only $1,119.25 was remitted directly to the Board. In 1886, $9,699.84 was remitted directly to the Board. Of the $15,825.36 sent to the Board, $15,012.80 was paid out to the owners of strays and the balance remains in the hands of the Secretary of your Board, the owners either not being known or the ownership being in dispute. A large proportion of the strays discovered in shipments of cattle, during the year, were remitted for directly to the owners by the persons having the shipments in charge, and duplicate receipts filed with the Secretary of the Board showing that the animals had been paid for.

SUMMARY OF THE OPERATIONS OF THE BOARD SINCE ITS CREATION.

TABLE.

	1885	1886	1887	Total
No. head cattle inspected	79,089	119,620	82 134	280,843
No. head cattle re-inspected	56,538	52,723	67,254	176,515
No. strays recovered, in shipments	985	1,659	3,149	5,793
No. stray cattle recovered, on range	54	71	11	136
No. stray horses recovered, on range	489	388	182	1,059
Total strays recovered, on range	543	459	193	1,195
No. persons arrested	19	43	13	75
Ave. number inspectors employed	8	9	8	.....
Amount received for strays	$1,119 25	$9,699 84	$15,825 36	$26,644 45
Estimated value of stray cattle recovered, at $40 per head	$41,560 00	$69,200 00	$126,400 00	$237,160 00
Estimated value of stray horses recovered, at $75 per head	$36,675 00	$29,100 00	$13,650 00	$79,125 00
Total estimated value of strays	$78,235 00	$98 300 00	$140,050 00	$316,585 00

THE RECORDING OF BRANDS AND MARKS.

The Fifteenth Legislative Assembly passed a law placing the recording of Brands and Marks in the hands of the Secretary of your Board. This was done for the purpose of preventing numerous conflicts and infringements on the brands of others that had arisen in previous years by reason of the Recorder of Brands and Marks having nothing in the way of Rules to guide him in recording brands. The Board, as soon as the law went into operation adopted a set of Rules governing the recording of brands that promised to do away with all the vexation and annoyance to stockmen that had heretofore existed. The Board has the honor to report that this law is working to the interest of all stockmen and has stopped since it came into effect the conflicts, annoyances and vexations that had heretofore existed in the recording of brands and marks. The Board believing that in recording and registering a brand, indicating ownership of property amounting to millions of dollars in this Territory there should also exist a law making it a misdemeanor for any person, association or corporation to use an unrecorded brand which was an infringement upon a recorded brand, presented the importance of this subject to the Extraordinary Session of the 15th Legislative Assembly and secured the passage of the following law:—

"And it is hereby made unlawful for any person or persons, association or corporation within the Territory of Montana to use any unrecorded brand which is an infringement upon any recorded brand, provided that this shall not be construed to prohibit the use of any figure, symbol or other mark in addition to a recorded brand to indicate age, condition or classification. It shall also be unlawful to use any brand such as a sash, frying pan or any other brand or device whatever which can be employed or used to obliterate any brand. Any person violating these provisions shall be fined in a sum not less than $100 or more than $500, or be imprisoned in the County Jail not to exceed 60 days or be punished by both such fine and imprisonment."

By prohibiting the use of a sash, frying pan or other brand or device

to obliterate brands the Board hopes to do much good work in the future in preventing destruction of the evidence of ownership (brands) to live stock in this Territory.

* * * *

It is a gratifying fact to report to you that the operations of the law under which we act and the results attained by the Board in protecting the live stock interests of this Territory have been closely watched by the stockmen of Wyoming during the past two years and that they became so thoroughly convinced of the great results to be secured by such a law that they had their Legislature this past winter pass a law similar in scope to the one under which we act. The Board has recently been appointed and organized and the stockmen of Wyoming look for as good results in their Territory as have been attained in this. The adoption of this law in Wyoming is all the more gratifying when it is known that there has existed during the past sixteen years an exceedingly powerful and useful Stock Grower's Association.

In closing, the Board wishes to state that they are fully satisfied that the efficiency already attained in their operations can be still further increased and that a better understanding of the operations of the law by stockmen and the officers selected to enforce it will do much to bring about the result.

Respectfully submitted,

GRANVILLE STUART, Pres.
R. B. HARRISON, Secy.

REPORT OF THE

Territorial Veterinary Surgeon.

HELENA, MONTANA, April 16th, 1888.

To the Honorable, THE BOARD OF STOCK COMMISSIONERS,

Territory of Montana.

GENTLEMEN :—

I have the honor to herewith submit my annual report as Territorial Veterinarian. In my last report, I stated that the health of the cattle of the Territory was good, and it is with great pleasure, that I can now re-affirm that statement.

During the past year, no diseases of a contagious character, with the exception of a very few cases of Symptomatic Anthrax, or Black Leg, have appeared among bovines, and the loss from diseases other than contagious, has been extremely slight.

The quarantine regulations have been strictly adhered to and no cattle from infected districts have been allowed to enter the Territory. The number of cattle brought into the Territory during the past year, has been very small compared with that of previous years. From March to November, 1887, I had a deputy stationed at Glendive, N. P. R. R., who inspected 4,817 head of live stock, of which number, 131 head were horses, and 831 head were destined for points west of Montana. From November, 1887, to April, 1888, the shipments over the N. P. into Montana, were so slight that I did not keep a deputy at Glendive, but through the courtesy of Dr. Alloway, Territorial Veterinarian for Dakota, all stock billed for Montana and points west, were examined by the Dakota Inspector at Minnesota Transfer.

The number of cattle driven into Montana over the southern trails was small. Little danger was to be apprehended from these trail cattle, as before reaching Montana, they would have to pass the inspector of both Colorado and Wyoming, but such cattle were re-inspected at the Montana line, by a deputy specially appointed for that purpose.

The quarantine regulations regarding cattle brought to Montana, which have undergone some modifications and changes since my last report, are being, and will be enforced during the coming season, as in the past, and I hope with equally good results.

It would afford me much pleasure, if I could make as favorable a report concerning the horses of the Territory as the cattle, but from the very nature of horses, this could hardly be expected. While I consider the health of horses to be generally good, there has been, during the past year, several outbreaks of disease which merit attention. Early last year, a disease of a peculiar character was reported by Fletcher Bros., of Lewiston, Fergus County, as existing in their band, which upon investigation proved to be the so-called, Maladie du Coit, or disease of copulation. This disease, which is of Asiatic origin, though well known in Europe, had not, I believe, up to this time, been diagnosed in the United States, although there is no doubt of its having existed among imported French horses, for a number of years. This loathsome disease appears to have been introduced into the Fletcher band of horses, by a one-half-bred Norman stallion, brought to Montana from Washington Territory, in the spring of 1886, and since that time, twenty-three mares and two stallions have succumbed to the disease, while others are still affected. Maladie du Coit exists in two forms, the benign and malignant. Animals suffering from the malignant form, die in a longer or shorter period, usually lasting not more than a few months, varying according to previous condition, constitution, etc., while in the other form, the animal may live for a number of years, and even apparently recover. The danger to be apprehended is as great from the benign as the malignant form, as a stallion may contract the disease from a mare having it in a very mild form, and transmit it to other mares with all its worst characteristics, while he himself may or may not be noticeably affected. Great care has been taken to prevent the spread of the disease from the Fletcher band. At the present time, the disease exists only among a few mares and I have decided to have these animals appraised and slaughtered, as the disease can be totally eradicated now at a nominal cost to the Territory, whereas if allowed to spread, I know of no disease which would so seriously affect our horse-raising interests, as it would effectually bar our horses from the markets of the world. Although many more horses have died from other diseases, to which I shall hereafter allude, causing much greater individual loss, yet taking into consideration the dread with which Maladie du Coit is everywhere regarded, this is undoubtedly the most serious outbreak of disease to which my attention has been called in this Territory.

On August 3d, 1887, an outbreak of disease of a very fatal character was reported as existing among horses, near Cartersville, Lewis and Clarke County. Upon investigation this disease appeared to be of an obscure character and different in many respects from anything hitherto described as affecting horses. While horses on this range were dying in large numbers, other outbreaks of the same character were reported from several parts of the Territory, the most serious being in Meagher County. Owing to the nature of the country in which these outbreaks occurred, the semi-wild state of the horses and the lack of means for carrying out scientific investigations, comparatively little could be done toward arriving at a conclusion regarding its causation and true pathology.

On November 14th last, I was requested by your Honorable President

to call upon some expert pathologist for the purpose of assisting me in my investigations; arrangements were accordingly made through the instrumentality of Gov. Leslie and the late Governor, John S. Marmaduke of Missouri, by which Prof. Paul Paquin of the State Agricultural College of Missouri should visit Montana for this purpose. The disease had, however, by this time about run its course and only a few chronic or sub-acute cases could be found, which did not present enough of the typical characteristics of the disease, to warrant me in sending for Prof. Paquin. Dr. Paquin was selected for this service on account of his eminent qualifications as a pathologist, and because he has at his command, all necessary apparatus and instruments for carrying out an investigation of this character. Should this disease again appear the coming summer, I hope to be able, with arrangements now made, to arrive at an absolute conclusion regarding it.

I would suggest that your Honorable Board take some action whereby, should it become necessary, I could secure a few head of horses, to be used for experimental purposes, such as testing the contagious or non-contagious character of the disease. My investigations so far seem to show this to be a malignant fever, without localization of lesions, affecting equines stabled or ranging in mountainous districts, its chief characteristics being, excessively high temperature, a very frequent full pulse, tumultuous heart's action, palidity of mucous membranes and all the general symptoms of high fever. Post mortem examinations revealed in no cases sufficient lesions to account for death. A detailed account of my investigations is on file in my office, but is too long to embody in this report.

Each of these outbreaks appeared to be of an enzootic character, the animals in one circumscribed area being affected, while others within a few miles and under precisely similar conditions, as to range, feed, etc., have remained perfectly healthy. Again, another outbreak may occur at a distance of forty or fifty miles, the intermediate bands showing no signs of disease. From all data which I have been able to collect so far, this disease does not appear to be of a contagious nature, but the question of the contagious or non-contagious character of any disease, is one which cannot be settled without many experiments, and consequently my present opinion on the subject may undergo a change.

In regard to the treatment of this disease, the fact that ninety-eight per cent. were unbroken range animals, makes this matter decidedly unsatisfactory, it being impossible to approach an animal, until the last stages of the disease, except by the process of roping or running into a chute, which in all cases produced such excitement and fear as to more than offset any good which might be done medically. In the majority of cases in which treatment was practicable, the disease seemed refractory to ordinary fever remedies, but a sufficient number recovered to show that under favorable circumstances, the disease is by no means necessarily fatal.

A large portion of my time and attention has been devoted to the stamping out that most loathsome equine disease, Glanders, which had unfortunately obtained a foothold in our Territory.

Since making my last report to you, we have killed or caused to be killed, over 200 glandered horses and mules. Besides these, a number

have died in quarantine and many others are still held. This disease fortunately, seems to be but slightly contagious on the range, fully nine-tenths of those affected being broken horses and even the majority of the few cases found upon the range, proved upon enquiry to have contracted the disease while in a state of domestication, and becoming unfit for work, had been turned loose by their unscrupulous owners. Although glanders seems to be so slightly contagious on the range, we should not lose sight of the fact that under certain conditions, favorable to the propagation of the glanders germ, the disease may assume a more virulent form, and spread with increased and alarming rapidity, and the importance of ridding the range of every glandered animal cannot be too strongly urged.

There are no portions of the Territory in which the disease exists to such an extent as to occasion alarm, and I have reason to believe that by the end of the present season, all known cases will have been disposed of. Rumors of supposed contagious equine diseases have from time to time reached me from various parts of the Territory, which, upon investigation, have proved groundless or were based upon local outbreaks of some such disease as Strangles.

Speaking generally of the health of the horses of the Territory, I consider it to be excellent. Where horses receive ordinary care and attention, I believe that the general health will compare favorably with any part of the United States.

In regard to Sheep: Active steps have been taken toward the eradication of scab, which I believe to be the only contagious disease existing among the flocks of the Territory.

In November last I represented Montana at the annual meeting of the United States Veterinary Sanitary Association, held at Kansas City, where measures to secure uniformity of action among the different states and territories of the Union, in relation to the suppression of contagious diseases, particularly Zymotic Pleuro-Pneumonia among cattle, were exhaustively discussed and adopted.

I also attended in March last, in response to a call from Dr. Salmon, Chief of the United States Bureau of Animal Industry, a meeting of official veterinarians, held at Denver, to consider what steps were necessary to prevent the introduction of Texas Fever into northern herds during the coming season, such action being deemed necessary on account of the gradual closing of trails and the more extensive shipping of cattle from the south to the north.

In conclusion I would express my thanks to Gov. P. H. Leslie and your Honorable Board for valuable counsel given me during the past year, and also my appreciation of the services rendered by Dr. F. H. Parsons, who has been associated with me as Deputy Veterinarian.

All of which is respectfully submitted.

HERBERT HOLLOWAY,

Veterinary Surgeon, Montana Ty.

APPENDIX

TO THE REPORT OF SECRETARY TO

Board of Stock Commissioners,

BEING A RECORD OF

BRANDS AND MARKS,

FOR THE YEAR 1887.

TERRITORY OF MONTANA,
OFFICE OF THE RECORDER OF BRANDS AND MARKS,
HELENA, January 1st, 1888.

The following Stock Brands and Marks have been recorded in the office of the General Recorder of Brands since January 1, 1887, the date of the last published Appendix to the Territorial Treasurer's Report.

R. B. HARRISON,
Recorder of the Brands and Marks.

ANNUAL REPORT

—OF THE—

Recorder of Brands and Marks.

Frank Longmaid, Madison Valley, Gallatin county. Brand for cattle and horses, thus, on the left shoulder.

Mrs. D. J. Bray, Stickney, Meagher county. Brand for cattle, thus, on left hip. Brand for horses the same on the left shoulder. Mark for cattle, swallow fork in the left ear. Range, Bear Tooth to Chestnut.

John M. Freeman, Dillon, Beaverhead county. Brand for cattle, thus, on left shoulder. Brand for horses, thus, on the left shoulder.

Townsend Edwards, Como, Missoula county. Brand for cattle, thus, on the left side. Range, Bitter Root Valley.

W. A. Thornig, Como, Missoula county. Brand for cattle, thus, on left side. Range, Bitter Root Valley.

John McMonigal, Stillwater, Yellowstone county. Brand for cattle, thus, on the ribs of both sides, near backbone. Brand for horses the same on the left shoulder. Vents, the the brand on the left thigh.

Cales P. Van Wart, Helena, Lewis and Clarke county. Brand for cattle, thus, on left side. Vent, brand inverted on the left shoulder.

Crampton & Norton, Newlon, Dawson county. Brand for cattle, thus, CN on left side. Brand for horses, the same on the left hip. Range, Dawson county.

Ludwig Dern, Silver Star, Madison county. Brand for cattle, thus, LD on the right ribs and right side of the neck. Brand for horses the same on the right stifle. Vents, horizontal bar across the brand. Mark for cattle, end of right ear squarely cropped and swallowfork in the left ear. Range, Jefferson valley.

Edwin Coaley, Jefferson Island, Madison county. Brand for cattle, thus, Ċ on the left ribs. Brand for horses the same on the left shoulder. Vents, horizontal bar across the brands.

P. L. Harrendrup, Forsyth, Custer county. Brand for cattle, thus, IL on the left ribs. Brand for horses the same on the left thigh.

James P. Martin, Stickney, Meagher county. Brand for cattle, thus, □ on the left shoulder, and thus, J on the left hip. Brand for horses, thus, □ on the left shoulder.

D. C. Holbrook, Detroit, Michigan. Brand for cattle, thus, DHK on the left ribs. Brand for horses, thus, D on the left shoulder, and thus, HK on left hip. Mark for cattle, each ear half cropped. Range, South Fork of Sun River.

J. G. Wittwer, Howard, Custer county. Brand for horses, thus, JR on the left shoulder. Vent, the same inverted beneath the brand.

George McCam, Burns Creek, Dawson county. Brand for cattle, thus, ⊔ on the ribs of both sides. Vent, perpendicular bar across middle of brand.

James Loftus, Musselshell, Fergus county. Brand for cattle, thus, T+ on the left ribs, right hip and left hip. Brand for horses the same on left shoulder.

Samuel Hisey, Cottonwood, Fergus county. Brand for cattle, thus, on the left ribs. Brand for horses the same on the left shoulder.

Henry Danioth, Cottonwood, Fergus county. Brand for cattle, thus, 10 on the right ribs. Mark, left ear slit.

Tal Reed, White Sulphur Springs, Meagher ccunty. Brand for cattle, thus, on the right ribs. Vent, the same inverted on the right shoulder.

Nat McGiffin & Co., Great Falls, Choteau county. Brand for cattle, thus, T X on the left side. Vent, horozontal bar beneath the brand. Range, Meagher county.

Henry Ellingson, Melville, Gallatin county. Brand for cattle, thus, on the left ribs. Brand for horses the same on the left shoulder. Vent for cattle the brand on the left hip. Vent for horses the brand on the left thigh. Mark for cattle, right ear half undercropped.

Olson & Hansen, Ubet, Fergus county. Brand for horses, thus, on the left shoulder, Vent, horizontal bar on the left ribs.

Elizur Beach, Helena, Lewis and Clarke county. Brand for cattle, thus — E on the shoulder, ribs or hip of either or both sides.

Geo. W. Dana, Deer Lodge, Deer Lodge county. Brand for cattle and horses, the script letter thus, on the left thigh.

Henry Olgardt, Augusta, Lewis and Clarke county. Brand for cattle and horses, thus, K O on the right shoulder.

Jones & Montgomery, Townsend, Meagher county. Brand for horses, thus, D R on left shoulder.

Herman Berg, Townsend, Meagher county. Brand for cattle, thus, ⊓⊓ with opening towards the head, on the left hip or on ribs of both sides.

H. L. Keene, Canton, Meagher county. Brand for cattle, thus, HK on the left ribs. Brand for horses, thus, 3 on the right thigh. Vent for cattle, horizontal bar at left of brand. Vent for horses, perpendicular bar joined at top to right end of horizontal bar of brand. Mark for cattle, right ear cropped and overbit in left ear.

Monroe Nelson, Martinsdale, Meagher county. Brand for cattle, thus, U on the left hip. Brand for horses the same on the right shoulder.

Edwin J. Lewes, Muddy, Custer county. Brand for cattle, thus, EL on the left ribs. Brand for horses the same on the left thigh.

B. J. Thompson, Selish, Missoula county. Brand for cattle, thus, BT on the right hip. Brand for horses the same on the right shoulder.

George M. Beasley, Rosebud, Custer county. Brand foı horses, thus, TT on the right shoulder. Vent, the same on the right thigh.

Geo. D. Hortop, Lewistown, Fergus county. Brand for cattle, thus, G D on the right thigh. Brand for horses the same on the left shoulder.

Andrew G. Hay, Stanford, Fergus county. Brand for cattle, thus, A H on the right ribs. Brand for horses the same on the right shoulde. Vents, horizontal bar beneath the brand.

George Hay, Stanford, Fergus county. Brand for cattle, thus, H A Y on the right ribs. Vent, horizontal bar over the brand.

R. W. Young, Townsend, Meagher county. Brand for cattle, thus, on the ribs of both sides. Brand for horses the same on the left shoulder. Vent for cattle, the brand on the left hip. Vent for horses, the brand on the left thigh.

Jane Poore, Boulder, Jefferson county. Brand for cattle, thus, P on the left ribs.

Broadwater, McCulloh & Co., Fort Assinniboine, Choteau county. Brand for cattle, thus, P on the left hip.

Robert A. Duncan, Grassrange, Fergus county. Brand for cattle, thus, —D— on the left ribs. Brand for horses the same on the left thigh. Vent for cattle, the same on left hip. Vent for horses, the same on the left shoulder.

Samuel McGregor, Martinsdale, Meagher county. Brand for horses, thus, Q on the right hip.

Ballard & Hill, Mingusville, Dawson county. Brand for cattle, thus, V X I on the right ribs.

George L. Hagin, Great Falls, Choteau county. Brand for cattle, thus, 3 3 on the left thigh. Brand for horses the same on the left shoulder. Vent for cattle, the brand on the left shoulder. Vent for horses, the brand on the left thigh.

Hugh Green, Fort Maginnis, Fergus county. Brand for cattle, thus, 2 G on the left ribs. Vent, the brand on the left hip. Mark, round hole in each ear.

B. J. Burt, Sweet Grass, Gallatin county. Brand for cattle, thus, N on the right ribs and right hip.

Cordie E. Johnson, Utica, Fergus county. Brand for horses, thus, on the left shoulder.

George T. Hodgson, Selish, Missoula county. Brand for cattle, thus, T C on the left side. Brand for horses the same on the left shoulder. Mark for cattle, end of left ear cut off. Range, both sides of Flathead river.

C. A. Nyhart, Twin Bridges, Madison county. Brand for cattle, thus, 2 J on the left thigh. Brand for horses the same on the left shoulder. Vent for cattle, the brand on the left ribs. Vent for horses, the brand on the left thigh. Mark for cattle, tag in left ear.

George A. and Fred E. Robbins, Skalkaho, Missoula county. Brand for cattle, thus, 7 0 on the right hip. Brand for horses the same on the right shoulder.

Percy Killaly, Augusta, Lewis and Clarke county. Brand for horses, thus, UK on the left flank. Range, head of Flat Creek and Dearborn.

Daniel T. White, Cold Springs, Jefferson county. Brand for cattle, thus, | N on the right thigh. Brand for horses the same on the left shoulder. Range, Jefferson county.

Fred Awe, Sahara, Fergus county. Brand for cattle, thus, on the ribs of both sides. Vent, the same on the right hip. Brand for horses, thus, —| |— on the right shoulder. Vent, the brand on the right hip.

Alex. Doust, Corvallis, Missoula county. Brand for cattle, thus, AD on the left hip. Brand for horses the same on the left shoulder.

H. O. Kellogg, Melville, Gallatin county. Brand for cattle, thus, HOK on the left ribs. Brand for horses the same on the left shoulder.

Joseph Parr, Fort Maginnis, Fergus county. Mark for cattle, semi-circular piece out of end of each ear.

Charles O'Neil, Great Falls, Choteau county. Brand for horses, thus, HO on the left shoulder. Vent, horizontal bar beneath the brand.

O. H. Smith, Ridgelawn, Dawson county. Brands for cattle, thus, TW/O and, thus, TL/O either or both on the left ribs immediately behind the shoulder. Range, Dawson county.

F. C. Merrill, Ridgelawn, Dawson county. Brand for sheep, thus, M on right side of backbone immediately behind the shoulder.

W. & A. Parker, Canton, Meagher county. Brand for cattle, thus, P on the left hip. Brand for horses the same on the left shoulder. Vent for cattle, the brand on the left shoulder.

C. W. McLean, Musselshell, Fergus county. Brand for cattle, thus, ◇W on the left ribs. Brand for horses the same on the left shoulder. Mark for cattle, wattle on right side of the neck behind the ear.

W. C. Stone, Cottonwood, Fergus county. Brand for cattle, thus, S on the right ribs with open part towards the head. Brand for horses the same on the right shoulder. Mark for cattle, wattle on right side of the neck.

Mrs. Kate Gibney, Red Rock, Beaverhead county. Brand for cattle, thus, K on the left ribs. Brand for horses the same on the left hip.

Ray F. Moon, Wallace, Missoula county. Brand for cattle, thus, Z on the left shoulder just behind the point of same. Brand for horses the same on the left shoulder.

J. C. Neal, Junction, Yellowstone county. Brand for cattle, thus, DS on the left shoulder. Brand for horses the same on the left shoulder. Vents, the brand on the left hip.

A. W. Anthony, Great Falls, Choteau county. Brand for cattle, thus, with bill towards the tail of animal on the left ribs. Brand for horses, thus, 7 0 on the left stifle. Vents.

horizontal bar beneath the brands. Mark for cattle, right ear smoothly cropped.

C. R. Cross, Hotchkiss, Custer county. Brand for cattle, thus, A T on the ribs of both sides. Brand for horses the same on the left thigh.

K. G. Whistler, Fort Buford, Dakota. Brand for cattle, thus, EH on the ribs of both sides. Brand for horses the same on both hips.

S. V. Blessing, Cottonwood, Fergus county. Brand for horses, thus, S V on the left thigh.

E. A. Baldwin & Bro., Miles City, Custer county. Brand for cattle, thus, 4T on the ribs of both sides. Mark, overslope off each ear.

Mrs. India A. Crisp, Jefferson Island, Madison county. Brand for horses, thus, CC on the left thigh. Range, Jefferson Valley and South Boulder.

W. H. Weaver and J. L. Barker, Moreland, Gallatin county. Brand for cattle, thus, 99 on the left hip. Range, Gallatin valley.

M. M. Hedges & Son, Ekalaka, Custer county. Brand for horses, thus, F on the left thigh. Range, Box Elder, Custer county.

Thomas Brodston, Miles City, Custer county. Brand for horses, thus, T Z on the left thigh.

H. Tusler, Miles City, Custer county. Brand for cattle, thus, or, thus, on the left side. Mark, left ear smoothly cropped for old cattle, and for calves branded in 1885 and 1886 underbit in each ear.

Alfred Myers & Bro., Billings, Yellowstone county. Brand for cattle, thus, for Shorthorns on left hip and jaw. For Polled Angus on right hip and jaw. Vent, on shoulder on same side as brand.

Hebert Bros., Helena, Lewis and Clarke county. Brand for cattle, thus, H 5 on left ribs. Brand for horses, same on left shoulder. Mark for cattle, button in left ear.

Alphons Sauer, Shields River, Gallatin county. Brand for cattle, thus, on left hip. Vent for cattle, same brand on left ribs.

J. M. D. Taylor, Boulder Valley, Jefferson county. Brand for horses, thus, on left shoulder. Vent for horses, same brand same size on left thigh.

Miss Lizzie A. Bartlett, Searsmont, Waldo county, Maine. Brand for cattle, thus, on right shoulder. Vent for cattle, same brand right thigh. Brand for horses, same brand on right shoulder. Vent for horses, same brand on right thigh.

J. P. & R. P. Jenkins, Elliston, Deer Lodge county. Brand for cattle, thus, on right hip. Brand for horses, same on left thigh. Vent for cattle, same on right thigh. Vent for horses, same brand on left shoulder.

W. H. Hoff, Bozeman, Gallatin county. Brand for cattle, thus, on left jaw.

D. S. Hastings, Ubet, Fergus county. Brand for cattle, thus, on left side.

John Fryatt, Helena, Lewis and Clarke county. Brand for cattle, thus, on right shoulder. Brand for horses, same on right shoulder. Vent for cattle, same on right ribs. Vent for horses, same on right ribs.

W. H. Battersby, Helena, Lewis and Clarke county. Brand for cattle, thus, on right ribs. Vent for cattle, same on right shoulder.

P. L. Van Cleve, Melville, Gallatin county. Range, Sweet Grass, Gallatin and Meagher counties. Brand for cattle, thus, on left hip. Also ——— on left thigh. Mark for cattle, both ears split.

Adolph Lasalle, Helena, Lewis and Clarke county. Brand for cattle, thus, A L on left hip. Brand for horses, same on left shoulder. Mark for cattle, button in right ear.

John F. Stack, Bozeman, Gallatin county. Brand for cattle, thus, on left hip. Vent for cattle, same brand alongside of first.

Eddie Sutter, Stanford, Fergus county. Brand for cattle, thus, on left hip. Brand for horses, same on left hip.

S. H. Knowles, Boulder Valley, Jefferson county. Brand for cattle, thus, (Y) on right hip.

Dr. C. K. Cole, Helena, Lewis and Clarke county. Brand for cattle, thus, on right ribs. Brand for horses, same on left shoulder. Mark for cattle, swallowfork right ear.

D. N. George & Bro., Eagle Rock, Benton road, Lewis and Clarke county. Brand for cattle, thus, on right ribs. Brand for horses, same on right shoulder. Vent for cattle, same on right side of neck. Vent for horses, same on right side of neck.

Frank E. Taylor, Park City, Yellowstone county. Brand for cattle, thus, on left ribs. Brand for horses, same on left stifle. Vent for cattle, same on left shoulder. Vent for horses, same on left shoulder.

Broadwater, McCulloh & Co., Fort Assinniboine, Choteau county. Brand for cattle, thus, on the left shoulder, with B on the left hip.

H. T. Lovett, Billings, Yellowstone county. Brand for cattle, thus, on left shoulder. Brand for horses, same on left shoulder.

I. D. Hull, Rosebud, Custer county. Brand for cattle, thus, HD-HD on left side.

J. A. Morgan, Billings, Yellowstone county. Brand for cattle, thus, on left thigh. Brand for horses, same on left thigh.

J. O. Willits, Big Horn, Johnson county, Dakota. Brand for horses, thus, on the right shoulder.

Frank D. Taylor, Fort Buford, Buford county, Dakota. Brand for horses, thus, F—Y on left shoulder.

Mrs. Emily J. Stovenour, Gallatin City, Gallatin county. Brand for cattle, thus, on left side. Brand for horses, same on left shoulder.

Philip Laux, Cottonwood, Meagher county. Brand for cattle, thus, |—L on left hip. Brand for horses, same on left shoulder.

Rosie B. Countryman, Stillwater, Yellowstone county. Brand cattle, thus, on left side. Brand for horses, same on left shoulder. Vent for cattle and horses, same on left hip.

Taliaferro Bros., Birney, Custer county. Brand for cattle, thus, on left ribs. Brand for horses, same on left thigh.

H. H. Ross and W. J. Lindsey, Livingston, Gallatin county. Brand for cattle, thus, on right ribs. Brand for horses, same on right shoulder. Vent for cattle, same on right hip. Vent for horses, same on right thigh. Brand to be four inches in height and six inches long.

Ross, Lindsey & Linklator, Livingston, Gallatin county. Brand for cattle, thus, on left ribs. Brand for horses, same on left shoulder. Vent for cattle, same on left hip. Vent for horses, same on left thigh. Brand to be four inches in height and six inches long.

John C. Rainsford, Helena, Lewis and Clarke county. Brand for cattle, thus, EJ on right ribs. Vent for cattle, same on right shoulder.

Mrs. Geo. French, Argenta, Beaverhead county. Brand for cattle, thus, on right hip. Brand for horses, same on left shoulder. Vent for cattle, same on right thigh. Vent for horses, same on left thigh.

R. S. Ball, Great Falls, Choteau county. Brand for cattle, thus, on the right ribs, duck to face toward the tail.

Metzel Live Stock Co., Puller Springs, Madison county. Brand for cattle, thus, MM on left side. Brand for horses, same on left thigh. Vent for cattle, same on left shoulder. Vent for horses, same on left shoulder. Mark for cattle, Dewlap on brisket, down cut.

E. A. Whitney, Sheridan, Johnson county, Wyoming. Brand for cattle, thus, SX on left side. Brand for horses, same on left shoulder. Vent for cattle, same on left hip. Vent for horses, same on left hip.

Geo. H. Hoey, Jefferson City, Jefferson conuty. Brand for horses, thus, 8 on left shoulder. Vent, same brand on left thigh.

Daniel O'Connor, Augusta, Lewis and Clarke county. Brand for horses, thus, on the right shoulder. Vent, same brand on the right hip.

Wendell N. Pollock, Stickney, Meagher county. Brand for cattle, thus, WP on the right ribs. Brand for horses, same

on the right shoulder. Vent for both cattle and horses the same brand reversed on the right thigh. Mark for cattle, wattle on forehead. Range, from Beartooth to Chestnut.

Clement Bros., Flat Willow, Fergus county. Brand for cattle, thus, OH on the right shoulder. Brand for horses, same on the right shoulder. The above to be a three inch brand. Vent for both horses and cattle, same brand on right thigh.

E. L. Lee, Canton, Meagher county. Brand for cattle, thus, on the left ribs. Brand for horses, same on the left shoulder. Vent for cattle, same brand on the left shoulder. Vent for horses, same brand on the left thigh.

Hannibal Robertson, Helena, Lewis and Clark county. Brand for cattle, thus, on the left ribs. Brand for horses, same on left shoulder. Vent for both cattle and horses, the same brand on left thigh. Mark for cattle, underbit in right ear. Range, from Beartooth to Dearborn.

Frank Brow, Helena, Lewis and Clarke county. Brand for cattle, thus, on the right ribs. Brand for horses, same on the right shoulder. Vent for both cattle and horses, same brand on right thigh.

Bull Mountain Cattle Co., Musselshell, Fergus county. Brand for cattle, thus, ZM on the left ribs. Range, Musselshell and Bull Mountains.

Herman Brass, Helena, Lewis and Clarke county. Brand for cattle, thus, on the left ribs. Vent for cattle, same on the left hip.

Watson McNurlin, Helena, Lewis and Clarke county. Brand for horses, thus, on right shoulder. Vent for horses, same on right hip.

Mrs. Ellen Barnes, Wickes, Jefferson county. Brand for cattle, thus, K on right ribs. Brand for horses, same on right

shoulder. Vent for cattle, same on right hip. Vent for horses, same on right hip.

E. M. Stevens, Hotchkiss, Custer county. Brand for cattle, thus, 4—S on left ribs. Brand for horses, same on left hip.

Joseph Sutter, Stanford, Fergus county. Brand for cattle, thus, JS on right ribs. Brand for horses, same on left shoulder. Vent for cattle, same on right hip. Vent for horses, same on left hip.

John H. Sheser and Wm. M. Snow, Amesville, Beaverhead county. Brand for cattle, thus, 5N on left hip. Vent for cattle, same on left hip below original brand.

Miss Theresa Luppold, White Sulphur Springs, Meagher county. Brand for cattle, thus, on right side. Vent for cattle, same inverted on right shoulder.

A. V. Paul, Fort Benton, Choteau county. Brand for cattle, thus, AD P on right hip. Brand for horses, same on right shoulder. Vent for cattle, same on right thigh. Vent for horses, same on right hip.

Levi Pruiett, Cottonwood, Fergus county. Brand for cattle, thus, P on right ribs. Brand for horses, same on right shoulder. Vent for cattle, same on right hip. Vent for horses, same on right hip.

A. M. Clark, Hunters Hot Springs, Gallatin county. Brand for cattle, thus, on left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip. Mark for cattle, underbit in left ear.

Mrs. Mary D. Craver, Red Rock, Beaverhead county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left thigh.

Geo. H. Hoey, Jefferson, Jefferson county. Brand for cattle, thus, right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Mrs. C. C. Winslow, Alhambra, Jefferson county. Brand for cattle, thus, right hip. Brand for horses same, right hip. Vent for cattle same, right thigh. Vent for horses same, right thigh.

G. P. Griffin, Forsyth, Custer county. Brand for cattle, thus, on the left ribs. Mark for cattle, ear marks, bit over right, under left. Dewlap on brisket, up cut.

Gaines & Hammond, Musselshell, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Christian Staut, Cottonwood, Fergus county. Brand for cattle, thus, left ribs. Vent for cattle same, left hip.

Jennie May Wheeler, Flat Willow, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder.

A. P. Weidman, Oka, Meagher county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder.

P. Biglen, Maiden, Fergus county. Brand for cattle, thus, right hip. Brand for horses same, left shoulder.

The Beaverhead L. S. Co., Dillon, Beaverhead county. Brand for cattle, thus, left hip.

Arora Clemons, Florence, Lewis and Clarke county. Brand for cattle, thus, A—C left side. Brand for horses same, left

hip. Vent for cattle same, left shoulder. Vent for horses same, left shoulder. Mark for cattle, split in right ear.

P. Doyle, Poplar Creek, Dawson county. Brand for cattle, thus, Y K Y left side. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

E. T. Brock, Dillion, Beaverhead county. Brand for cattle, thus, T left side. Brand for horses same, left shoulder. Mark for cattle, double dewlap cut down.

G. A. Milligan, Truly, Meagher county. Brand for cattle, thus, M I left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Emily Roy, Bozeman, Gallatin county. Brand for cattle, thus, E right hip. Brand for horses same, right hip.

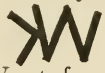
A. N. Hotchkiss, Hotchkiss, Custer county. Brand for cattle, thus, 4-H left side. Brand for horses, thus, AN left shoulder.

Dr. C. K. Cole, Helena, Lewis and Clarke county. Brand for cattle, thus, L left ribs. Brand for horses same, left shoulder. Vent for horses same, left thigh. Vent for cattle same, left thigh. Mark for cattle, swallowfork right ear.

O. J. & B. F. Shreve, Sheridan, Johnson county, Wyoming. Brand for cattle, thus, H I right hip. Brand for horses same, right shoulder. Vent for cattle same, right side, any position. Vent for horses same, right side, any position.

James Monahan, Livingston, Park county. Brand for cattle, thus, P—M right shoulder. Brand for horses same, right shoulder.

James Campell, White Sulphur Springs, Meagher county. Brand for cattle, thus, 7/J left thigh. Brand for horses same, left thigh.

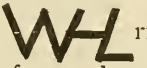
William Kenhey, Martinsdale, Meagher county. Brand for cattle, thus,  left hip. Brand for horses same, left shoulder. Vent for cattle same reversed, left ribs. Vent for horses same reversed, left hip.

Geo. W. Moore & Bro., Martinsdale, Meagher county. Brand for cattle, thus, right ribs.

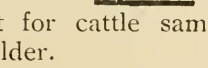
Taylor Allen, Utica, Fergus county. Brand for cattle, thus, left ribs.

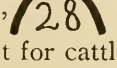
Hugh Gogarty, Horse Plains, Missoula county. Brand for cattle, thus, left shoulder. Brand for horses same, left thigh.

Chas. Raymond Klane, White Sulphur Springs, Meagher county. Brand for cattle, thus, left hip. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

W. H. Lyons, Livingston, Park county. Brand for cattle, thus,  right hip. Brand for horses same, right shoulder. Vent for cattle same, right ribs. Vent for horses same, right thigh.

Mrs. Mary E. Klane, White Sulphur Springs, Meagher county. Brand for cattle, thus, right hip. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

Saml. M. Skelton, Wisdom, Beaverhead county. Brand for cattle, thus,  left ribs. Brand for horses same, left hip. Vent for cattle same, left hip. Vent for horses same, left shoulder.

O. H. Warner, Willis, Beaverhead county. Brand for cattle, thus,  left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip. Mark for cattle, a long slope off underside of left ear.

C. P. Abbott, White Sulphur Springs, Meagher county. Brand for cattle, thus, right thigh. Brand for horses same, right thigh. Vent for cattle same reversed, right hip. Vent for horses same reversed, right hip.

Augustus C. Murphy, Puller Springs, Madison county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

R. W. Clifford, Ubet, Fergus county. Brand for cattle, thus, right thigh. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

William Logan, Ubet, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Henry Taylor Burch, Chestnut, Meagher county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle same, right thigh. Vent for horses same, right thigh. Mark for cattle, crop the left ear and split the right.

Patrick R. Doherty, Fish Creek, Madison county. Brand for cattle, thus, right ribs. Brand for horses same, right jaw. Vent for cattle same, right hip. Vent for horses same, right hip. Mark for hogs, a round hole cut out of right ear.

Andrew G. Hay, Stanford, Fergus county. Brand for sheep, thus, ═══ across nose.

Jonn Ross, Stanford, Fergus county. Brand for sheep, thus, J on right side of face.

John Scott, Stanford, Fergus county. Brand for sheep, thus, J on left side of face.

James Allen, Stanford, Fergus county. Brand for sheep, thus, in center of face.

C. S. Gibson, Fort Benton, Choteau county. Brand for sheep, thus, on right side of face.

Jas.P. Geddes, Brandenburg, Custer county. Brand for cattle, thus, left ribs. Brand for horses same, left hip.

Gust. O. Ockermann, Fort Benton, Choteau county. Brand for cattle, thus, right ribs. Vent for cattle same, right hip. Brand for horses same, right shoulder. Vent for horses same, right hip.

Frank Ockerman, Fort Benton, Choteau county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

J. E. Choisser, Miles City, Custer county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Whitney Terrell, Ekalaka, Custer county. Brand for cattle, thus, left hip. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Lewis Awe, Sahara, Fergus county. Brand for cattle, thus, right ribs. Vent for cattle same, right hip.

Peter N. Edge, Ashley, Missoula county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder.

Thomas Barr, Augusta, Lewis and Clarke county. Brand for cattle, thus, T— left ribs.

John B. Traxler, Sun River, Lewis and Clarke county. Brand for cattle, thus, _TA left hip. Brand for horses same, right shoulder.

Mary Harvey, Walkerville, Silver Bow county. Brand for cattle, thus, M 3 H on the left hip.

C. Ruffa, Walkerville, Silver Bow county. Brand for cattle, thus, CR5 right hip. Brand for horses same, right hip.

J. N. Jordan, Truly, Meagher county. Brand for horses, thus, NJ left shoulder. Vent for horses, thus, JN above original brand. Brand for cattle same, right ribs. Vent for cattle same, right shoulder.

Louis Bruckman, Laurel, Yellowstone county. Brand for cattle, thus, BJ right side of neck. Brand of horses same, right side of neck. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

J. M. Weldon, Lewistown, Fergus county. Brand for cattle, thus, Y left ribs. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

Cruse & Anceney, Moreland, Gallatin county. Brand for cattle, thus, A left ribs. Brand for horses same, left thigh. Mark for cattle, dewlap, jug handle, cut out, Crop off the left ear.

John Schroeder, Augusta, Lewis and Clarke county. Brand for cattle, thus, TT left shoulder. Brand for horses same, left shoulder.

Wm. J. Anderson, Livingston, Park county. Brand for cattle, thus, 44 right ribs.

Mrs. M. S. Putnam, Jefferson City, Jefferson county. Brand for cattle, thus, 7 right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip. Mark for cattle, slit in right ear.

Harry Chambers, Fort Conrad, Choteau county. Brand for horses, thus, T left shoulder.

Jas. Jiaconiella, Park City, Yellowstone county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Giovanni Succetti, Park City, Yellowstone county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder.

Stevenson & Askew, Great Falls, Choteau county. Brand for cattle, thus, C—W left hip. Brand for horses same, left hip. Vent for cattle same, left shoulder. Vent for horses same, left shoulder. Mark for cattle, crop in left ear.

The Sun River Sheep Company, Augusta, Lewis and Clarke county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, reversed over brand. Vent for horses same, reversed over brand, thus,

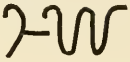
Lynch & Leary, Selish, Missoula county. Brand for cattle, thus, left ribs. Vent for cattle same, left hip.

Heneage & Hunter, Three Forks, Gallatin county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left hip. Mark for cattle, wattle, left cheek.

Edwin J. Doty, White Sulphur Springs, Meagher county. Brand for cattle, thus, left thigh. Brand for horses same, left thigh. Vent for cattle same reversed, left shoulder. Vent for horses same reversed, left shoulder.

N. J. Humphreys, Birney, Custer county. Brand for cattle, thus, right ribs. Brand for horses same, left stifle. Mark for cattle, undercrop both ears.

W. F. Stephens, Muddy, Custer county. Brand for horses, thus, right shoulder. Vent for horses same, right thigh.

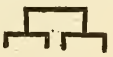
H. H. Whipple, Cottonwood, Fergus county. Brand for cattle, thus,  left shoulder. Brand for horses same, left shoulder.

T. J. Vehawn, Cottonwood, Fergus county. Brand for cattle, thus, left hip. Brand for horses same, left thigh.

Wm. Parker, Timberline, Gallatin county. Brand for cattle, thus, right thigh. Brand for horses same, right thigh. Vent for cattle same, crosswise beneath brand. Vent for horses same, crosswise beneath brand.

Harry Bradstreet, Lewistown, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, left shoulder. Vent for cattle same, right shoulder. Vent for horses same, left thigh.

W. W. Watson, Lewistown, Fergus county. Brand for cattle, thus, on the left ribs.

McLean, Kuthler & Bell, Musselshell, Fergus county. Brand for cattle, thus,  on left ribs. Mark for cattle, crop right ear, and slit twice.

T. B. Flynn, Timberline, Gallatin county. Brand for cattle, thus, on the right ribs.

Dr. Thos. Antisell, Jr., Martinsdale, Meagher county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Val. Laubenheimer, Helena, Lewis and Clarke county. Brand for cattle, thus, left thigh. Brand for horses same, left thigh. Vent for cattle same, left side.

Levi Cox, Choteau, Choteau county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

J. W. Haigler, Fort Benton, Choteau conuty. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

Mason & Hatch, Cottonwood, Fergus county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

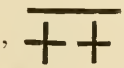
A. F. Watters, Muddy, Custer county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

B. M. Pattee, Augusta, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

W. B. Cooley, Musselshell, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left thigh.

A. N. Flinn, Andover, Day county, Dakota. Brand for cattle, thus, on the ribs of either or both sides. Brand for horses same, on the right or left shoulder or both.

C. C. Shy, Ashland, Custer county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh.

Oliver D. St. Peter, Lewistown, Fergus county. Brand for cattle, thus,  left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip. Mark for cattle, split left ear.

Theodore Baart, Belleview, Choteau county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

S. F. Stoughton, Hebron, Morton county, Dakota. Brand for cattle, thus, left ribs. Vent for cattle same, reversed and to the right of brand.

Will F. Strait, Roundup, Yellowstone county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses, same, right hip.

O. Baker, Virginia City, Madison county. Brand for cattle, thus, ace of spades on the left shoulder.

Felix Rock, Kibbey, Meagher county. Brand for cattle, thus, left hip. Brand for horses same, left hip.

Gilbert Edwardson, Marysville, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh. Vent for cattle same, inverted, left shoulder. Vent for horses same, inverted, left shoulder.

M. Luther and Seth A. Jones, Red Lodge, Gallatin county. Brand for cattle, thus, trident, left hip. Brand for horses same, left hip.

M. S. & J. R. Cockrill, Conrad, Choteau county. Brand for cattle, thus, lazy ace of spades, left thigh. Brand for horses same, left thigh.

John Lang, Selish, Missoula county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder. Vent for cattle same, right shoulder. Vent for horses same, right hip.

A. Hough, Forsyth, Custer county. Brand for horses, thus, right shoulder.

Butterfield Bros., White Sulphur Springs, Meagher county. Brand for cattle, thus, left shoulder.

H. B. Varney, Bercail, Fergus county. Brand for cattle, thus, on the ribs of both sides. Brand for horses same, left shoulder.

H. G. Phillips, Philbrook, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

Turner & Cresap, Belt, Meagher county. Brand for cattle, thus, O J right hip. Brand for horses same, right shoulder. Mark for cattle, overbit in right ear.

R. H. Sawyer, Moreland, Gallatin county. Brand for cattle, thus, HR left ribs. Brand for horses same, right shoulder. Vent for cattle same, left hip. Vent for horses same, right hip.

Geo. W. Sherman, Fort Shaw, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left hip. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Mrs. Belle McQueeney, Butte, Silver Bow county. Brand for cattle, thus, on the left ribs.

Kenneth McLean, Miles City, Custer county, Brand for horses, thus, on the right shoulder. Vent for horses same, right hip.

Goode & Thornhill, Flat Willow, Fergus county. Brand for cattle, thus, on the left ribs.

Conrad Krhrusgrill, Helena, Lewis and Clarke county. Brand for cattle, thus, K left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Nellie Platt, Philbrook, Fergus county. Brand for cattle, thus, N_P on the right ribs.

Mrs. Herbert Atkinson, Fort Maginnis, Fergus county. Brand for cattle, thus, ☘ right ribs. Brand for horses same, right thigh.

John N. Johnson, Furness, Meagher county. Brand for cattle, thus, N left jaw. Brand for horses same, right thigh. Vent for cattle same, left ribs. Vent for horses, same brand crosswise above first brand.

Major & Wilber Parent, Helena, Lewis and Clarke county. Brand for cattle, thus, V 2 left thigh. Brand for horses same, left thigh. Vent for cattle same, left hip. Vent for horses same, left hip. Mark for cattle, hole punched in left ear.

B. Richardson, Augusta, Lewis and Clarke county. Brand for cattle, thus, V right side. Brand for horses same, right shoulder.

Mrs. Frances C. Richardson, Augusta, Lewis and Clarke county. Brand for cattle, thus, ☞ hand, left hip. Brand for horses same, left hip. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

M. A. Lynch, Marysville, Lewis and Clarke county. Brand for cattle, thus, 6 6 left hip. Brand for horses same, left thigh.

Nicholas Gredel, Silver City, Lewis and Clarke county. Brand for cattle, thus, 1 2 left ribs. Brand for horses same, left shoulder.

W. W. Alderson, Birney, Custer county. Brand for cattle, thus, L T left ribs. Brand for horses same, left thigh. Vent for cattle same, under original brand. Vent for horses same, left shoulder. Mark for cattle, crop left ear, two underbits right ear.

Thompson Bros., Sahara, Fergus county. Brand for cattle, thus, V L left ribs. Brand for horses same, left shoulder. Above cattle brand cancelled 11–5–87 in favor of R. B. Thompson and Mrs. J. B. Thompson. Horse brand retained.

Peter St. Peter, Selish, Missoula county. Brand for cattle, thus, left shoulder. Brand for horses same, left hip.

Hart Bros. & F. W. Sorby, Melville, Park county. Brand for horses, thus, left shoulder.

Henry Schrammeck, Gorham, Meagher county. Brand for cattle, thus, left ribs. Brand for horses same, right shoulder. Mark for cattle, swallowtail right ear. Wattle at throat.

J. C. Walker, Cottonwood, Fergus county. Brand for cattle, thus, left thigh. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

G. V. Gilman, Scoll and Briar, Morton county, Dakota. Brand for cattle, thus, left hip. Brand for horses same, left hip. Vent for cattle same, alongside original brand. Vent for horses same, along side original brand.

Finlay Bennett, Fort Belknap, Choteau county. Brand for cattle, thus, left ribs. Brand for horses, thus, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left thigh. Mark for cattle, wattle left thigh.

Louis Busch, Miles City, Custer county. Brand for cattle, thus, left hip. Vent for cattle same, left ribs.

John R. Oglesby, Townsend, Meagher county. Brand for cattle, thus, right ribs. Vent for cattle same, right shoulder.

H. A. Robertson, Rosebud, Custer county. Brand for horses, thus, left jaw.

Teddy Lynch, Helmville, Deer Lodge county. Brand for cattle, thus, TL left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Frank Mitchell, Lewistown, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, left hip. Vent for cattle same, right hip. Vent for horses same, left shoulder.

Joseph McParland, Butte, Silver Bow county. Brand for cattle, thus, right hip. Brand for horses same, right hip.

Thos. G. Carter, Great Falls, Choteau county. Brand for horses, thus, right thigh.

Louis Anderson, Bannack City, Beaverhead county. Brand for cattle, thus, right hip. Brand for horses same, right thigh. Vent for cattle same, right thigh. Vent for horses same, right shoulder. Mark for cattle, wattle on the front of left foreleg just above the knee.

W. F. Jordan, Terry, Custer county. Brand for cattle, thus, £ left thigh. Brand for horses same, left thigh.

George O. White, Miles City, Custer county. Brand for cattle, thus, H-H-H left ribs. Brand for horses same, left hip.

Fred D. Gove, Selish, Missoula county. Brand for cattle, thus, FX left hip. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left hip.

Edwin Swope, Christina, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right thigh.

Philip Mercer, Livingston, Park county. Brand for cattle, thus, PWW left ribs. Vent for cattle same, left shoulder.

John T. Craft, Ekalaka, Custer county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

R. Charters, Ekalaka, Custer county. Brand for cattle, thus, SW left ribs. Brand for horses same, right thigh.

John W. Mayhew, Stevensville, Missoula county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left thigh.

C. F. Brewster, Truly, Meagher county. Brand for cattle, thus, XT left ribs.

J. V. Seybold, Dillon, Beaverhead county. Brand for cattle, thus, right hip.

Philip Lauge, Lewistown, Fergus county. Brand for cattle, thus, left hip. Brand for horses same, left hip.

Thompson Bros., Augusta, Lewis and Clarke county. Brand for cattle, thus, left hip. Brand for horses same, left hip.

Wm. J. Anderson, Livingston, Park county. Brand for horses, thus, left hip.

M. H. Seybold, Allerdice, Beaverhead county. Brand for cattle, thus, left ribs.

John B. Patterson, Fort Logan, Meagher county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder.

Vincent W. Mullery, Gorham, Meagher county. Brand for cattle, thus, A right ribs. Mark for cattle, an inch hole in left ear.

Ed. Leven & Alex. Erickson, Dearborn, Lewis and Clarke county. Brand for cattle, thus, II right ribs. Brand for horses same, left thigh. Vent for cattle same, right hip. Vent for horses same, left shoulder.

John Myles, Dearborn, Lewis and Clarke county. Brand for cattle, thus, (5) right hip. Brand for horses same, right shoulder. Vent for cattle same, right ribs. Vent for horses same, right hip.

Patrick Cassidy, Silver City, Lewis and Clarke county. Brand for cattle, thus, (9) right ribs.

Henry Nankivell, Butte, Silver Bow county. Brand for cattle, thus, ⊂⊃ right ribs. Brand for horses same, right shoulder. Vent for cattle same, right thigh. Vent for horses same, right hip.

G. P. Constock, Miles City, Custer county. Brand for horses, thus, A right shoulder.

Mrs. A. L. Ferris, Miles City, Custer county. Brand for cattle, thus, P right ribs. Brand for horses same, left thigh.

S. E. Suitor, Fort Maginnis, Fergus county. Brand for horses, thus, Sp left thigh. Vent for horses same, left shoulder.

George G. Barron, Choteau, Choteau county. Brand for cattle, thus, —|— left thigh. Brand for horses same, left thigh. Vent for cattle same, under brand. Vent for horses same, under brand. Mark for cattle, underslope both ears.

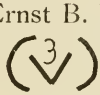
B. M. Pattee, Augusta, Lewis and Clarke county. Brand for horses, thus, B P left shoulder. Vent for horses same, left hip.

E. J. Jellison, Philbrook, Fergus county. Brand for cattle, thus, N—T right shoulder. Brand for horses same, right shoulder.

James J. Winslow, Fish Creek, Jefferson county. Brand for horses, thus, left shoulder. Vent for horses same, left jaw.

Robert Leavens, Bercail, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh. Vent for cattle same, left hip. Vent for horses same, left shoulder.

August Birr, Bozeman, Gallatin county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Ernst B. Vater, Livingston, Park county. Brand for cattle, thus,  left shoulder. Brand for horses same, left shoulder.

L. Fitzpatrick, Martinsdale, Meagher county. Brand for cattle, thus, left ribs. Vent for cattle same, left hip.

J. P. Becker, Dubuque, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, right thigh. Vent for cattle same, inverted, right ribs. Vent for horses same, right shoulder.

Mrs. Harriett C. Walrath, Augusta, Lewis and Clarke county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Richard Auchard, Augusta, Lewis and Clarke county. Brand for cattle, thus, left hip. Vent for cattle same, left shoulder.

G. A. Douglas, Jr., Boulder, Jefferson county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder.

Packard & Maltby, Stanford, Fergus county. Brand for horses, thus, left shoulder. Vent for horses same, left thigh.

Mrs. Clara Maxwell, Billings, Yellowstone county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder.

Clarke & Crispin, Augusta, Lewis and Clarke county. Brand for horses, thus, left shoulder. Vent for horses same, left hip.

Read & Burmeister, Gorham, Meagher county. Brand for sheep, thus, left ribs.

F. E. Sargeant, Butte, Silver Bow county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Mark for cattle, point of left ear cut off and split.

Geo. M. Miles, Miles City, Custer county. Brand for horses, thus, JM left shoulder.

A. A. Hayden, Silver Star, Madison county. Brand for cattle, thus, left ribs. Brand for horses same, left hip. Vent for cattle same, left hip. Vent for horses same, left shoulder.

Mrs. Geo. E. Newnam, Putnam, Custer county. Brand for cattle, thus, left ribs.

William Shiell, Oka, Meagher county. Brand for cattle, thus, 2X2 right hip. Brand for horses same, right shoulder.

Miss Vina Putnam, Forsyth, Custer county. Brand for horses, thus, left shoulder. Vent for horses same, left thigh.

J. M. Blake, Helena, Lewis and Clarke county. Brand for horses, thus, LX left thigh. Vent for horses same, left shoulder.

Belle Williams, Bannack City, Beaverhead county. Brand for horses, thus, left stifle.

R. S. Ball, Great Falls, Choteau county. Brand for cattle, thus, HOT left shoulder. Brand for horses same, left thigh. Vent for cattle same, left ribs. Vent for horses same, left

shoulder. Mark for cattle, swallowfork in right ear and a slit cut straight out from the underside of left.

Henry Haupt, Elliston, Deer Lodge county. Brand for horses, thus, left shoulder.

James Coleman, Miles City, Custer county. Brand for horses, thus, (fish hook) on the right shoulder.

Bessie Ford, Cora, Meagher county. Brand for cattle, thus, right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Robert Keller, Cottonwood, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Duncan & Bro., Sheridan, Madison county. Brand for horses, thus, left thigh.

John Emhof, Clyde Park, Park county. Brand for cattle, thus, E left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

E. P. Rowe, Brandenburg, Custer county. Brand for cattle, thus, (plug hat) right hip.

Robert Valentine, Maiden, Meagher county. Brand for cattle, thus, DR left ribs. Brand for horses same, left shoulder. Mark for cattle, crop off left ear.

William Reinig, Helena, Lewis and Clarke county. Brand for cattle, thus, K left hip.

Jonh E. Flynn, Lewistown, Fergus county. Brand for cattle, thus, F left ribs. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left thigh.

George F. Day, Lewistown, Fergus county. Brand for cattle, thus, D left ribs. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

The Walrond Cattle Ranch Limited, Fort McLeod, Alberta, N. W. Ty. Brand for cattle, thus, WR on left ribs, with a bar, thus, ——— on left hip. Brand for horses, thus, WR on left thigh. Vent for cattle, thus, WR on the left shoulder. Vent for horses same, on the left shoulder.

E. C. Wilcox, Three Forks, Gallatin county. Brand for cattle, thus, W left shoulder. Brand for horses same, left shoulder.

Jas. F. Irwin, Belt, Meagher county. Brand for cattle, thus, left side.

Wm. H. Irwin, Belt, Meagher county. Brand for cattle, thus, right side.

Rea, Davis, Clarke & Co., Miles City, Custer county. Brand for cattle, thus, K left thigh. Brand for horses same, left thigh.

Wm. Whiddon, Ashland, Custer county. Brand for cattle, thus, I left shoulder. Brand for horses same, left shoulder.

Mrs. A. Hunnewell, Truly, Meagher county. Brand for cattle, thus, H • left ribs. Brand for horses same, left thigh. Vent for cattle and horses same, left shoulder. Mark for cattle undersplit right ear, oversplit left ear.

Otis E. Roberts, Cottonwood, Fergus county. Brand for cattle, thus, 2 3 0 right ribs. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

Frank Kalin, Cottonwood, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle same, right hip, Vent for horses same, right hip.

E. B. Thomas, Meeteetse, Fremont county, Wyoming. Brand for cattle, thus, left ribs. Brand for cattle, also, thus, left ribs.

Bicknell & Remond, Sahara, Fergus county. Brand for cattle, thus, B◇R left ribs. Brand for horses same, right shoulder. Vent for cattle same, left hip. Vent for horses same, right hip.

Mrs. E. A. Harris, Allerdice, Beaverhead county. Brand for cattle, thus, 7 left ribs. Brand for horses same, right shoulder.

Robert J. Barnard, Augusta, Lewis & Clarke county. Brand for cattle, thus, left thigh. Brand for horses same, left thigh. Vent for cattle same inverted, left shoulder. Vent for horses same inverted, left shoulder.

Mattie Becker, Miles City, Custer county. Brand for cattle thus, HAY left ribs. Brand for horses same, left thigh.

John O'Bryan, Fort Benton, Choteau county. Brand for cattle, thus, OB left thigh. Brand for horses same, left thigh.

J. G. Lewis, Bozeman, Gallatin county. Brand for cattle thus, left shoulder. Brand for horses same, left shoulder.

E. S. McCee, Allerdice, Beaverhead county. Brand for cattle, three leaf clover, thus, right shoulder. Brand for horses same, right shoulder.

W. C. Clemons, Dearborn, Lewis and Clarke county. Brand for cattle, thus, UE right ribs. Brand for horses same, right shoulder. Mark for cattle, crop off left ear, split in right.

Crane, Headley & Co., Miles City, Custer county. Brand for sheep, thus, T on the left side of nose.

William Lindsay, Red Water, Dawson county. Brand for cattle, thus, LK left shoulder. Brand for horses same, left shoulder. Vent for cattle same inverted above the brand. Vent for horses same inverted above the brand.

Spencer Jarrett, Springdale, Gallatin county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle same, thus, right thigh. Vent for horses same, right thigh.

W. G. Smith, Fort Benton, Choteau county. Brand for cattle, thus, S left ribs with S left horn. Brand for horses, thus, S left hip, with S left shoulder.

Geo. Knapp, Maiden, Fergus county. Brand for horses, thus, G/K right shoulder. Vent for horses same, right hip.

Elling & Buford, Virginia City, Madison county. Brand for cattle, thus, left ribs, with thus, left hip. Vent, thus, on left shoulder.

M. Maloney, Puller Springs, Madison county. Brand for cattle, thus, AIM left ribs. Brand for horses same, left shoulder.

Estate Mrs. Anna M. Corry, deceased, Butte, Silver Bow county. Brand for cattle, thus, 666 left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Alfonce Caron, Augusta, Lewis and Clarke county. Brand for cattle, thus, AC left ribs. Brand for horses same, left shoulder.

J. M. Keithler, Musselshell, Fergus county. Brand for cattle, thus, |—K right ribs. Mark for cattle, half overcrop in right ear and wattle on right thigh.

Farrell & Varney, Virginia City, Madison county. Brand for horses, thus, VF left flank. Vent for horses same, left shoulder.

W. S. Evans & Sons, Fort Benton, Choteau county. Brand for cattle, thus, E3 left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Helena E. Westbrook, Billings, Yellowstone county. Brand for cattle, thus, 4A left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Geo. Shelden, Alzada, Custer county. Brand for cattle, thus, 76 left thigh. Brand for horses same, left thigh.

Harvey A. Fox, Lewistown, Fergus county. Brand for cattle, thus, FOX left hip. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left hip.

Maggie Wetzel, Great Falls, Choteau county. Brand for cattle, thus, JW left rump. Brand for horses same, left shoulder.

Horace S. Houghton, Basin, Jefferson county. Brand for cattle, thus, 36 right ribs. Brand for horses same, right shoulder.

Miss Fannie B. Ellis, Dearborn, Lewis and Clarke county. Brand for cattle, thus, left ribs. Vent for cattle same, left hip.

Noah Davey, Diamond City, Meagher county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder.

Daniel Boone Filson, Placer, Jefferson county. Brand for cattle, thus, left ribs. Brand for horses, thus, left hip. Mark for cattle, underslope off right ear, upper crop off the point of left ear.

Scott & Bogy, Martinsdale, Meagher county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Mark for cattle, crop and split right ear.

J. E. Taylor, Augusta, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

John Jinior Byrd, Canyon Ferry Ferry, Meagher county. Brand for cattle, thus, on the right hip.

E. D. Hastie, Sun River, Lewis and Clarke county. Brand for cattle, thus, on left side. Vent for cattle, same brand on left shoulder. Mark for cattle underbit in left ear and crop off right.

S. L. Holliday, Livingston, Park county. Brand for cattle, thus, right hip. Vent for cattle same brand on right shoulder. Brand for horses, thus, on right shoulder. Ear mark for cattle under half crop each ear. Vent for horses, under brand.

Mrs. Martha Carr, Race Track, Deer Lodge county. Brand for cattle, thus, on left ribs. Brand for horses same

on left shoulder. Ear marks for cattle, two and one-half-inch holes in right ear, one of same size and shape in left ear. The brand should point towards the head of the animal.

A. E. Neate, Miles City, Custer county. Brand for horses, thus, on right hip.

R. O. Hickman, Virginia City, Madison county. Brand for horses, thus, on left shoulder. Vent for horses same brand on left thigh, smaller.

Solomon A. Beach, Sun River, Lewis and Clarke county. Brand for cattle, thus, right hip. Brand for horses same, right hip. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

H. C. Goodall, Brandenburg, Custer county. Cattle branded thus, on left ribs. Brand for horses same, on left shoulder.

Greene & Craven, Helena, Lewis and Clarke county. Brand for cattle, thus, right hip. Brand for horses same, right hip. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

Chas. J. Knowles, Stanford, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

P. J. Hatton and Wm. F. Myers, Melville, Gallatin county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder.

Michael Dubois, Ashley, Missoula county. Brand for cattle, thus, right ribs.

Wm. Corker, Big Timber, Gallatin county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

Fred M. Thayer, Stanford, Fergus county. Brand for cattle, thus, T left ribs. Brand for horses same, left thigh. Vent for cattle same, above brand. Vent for horses same, left shoulder.

J. Shepard, Three Forks, Gallatin county. Brand for cattle, thus, Ω left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

E. Keis, Fort Maginnis, Fergus county. Brand for cattle, thus, (6) left thigh. Brand for horses same, left shoulder.

O. W. Kelly & Sons, Lewistown, Fergus county. Brand for cattle, thus, (6) right ribs. Brand for horses same, right thigh.

J. J. Eastman, Great Falls, Choteau county. Brand for cattle. thus, 4 left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Albert A. Henry, Truly, Meagher county. Brand for horses, thus, ⊔ left thigh. Vent for horses same, left shoulder.

Loring B. Rea, Miles City, Custer county. Brand for cattle, thus, (7) left ribs. Brand for horses same, left shoulder.

Mrs. Lorena Allen, Diamond City, Meagher county. Brand for cattle, thus, R right hip. Brand for horses same, right hip.

R. Livingston, Jr., Livingston, Park county. Brand for cattle thus, ⊥ right hip. Brand for horses same, right hip. Vent for cattle same, half size, right shoulder. Vent for horses same, half size, right shoulder.

King Bros., Jacksonville, Morgan county, Illinois. Brand for cattle, thus, >B left ribs. Vent for cattle same, smaller size, left hip.

N. S. Campbell & Co., Hurst, Meagher county. Brand for cattle, thus, on left side. Brand for horses same, also mules, on left thigh. Vent for cattle same, left shoulder. Vent for horses and mules same, inverted over brand on left thigh. Mark for cattle, wattle on right jaw.

Mrs. Martha M. Elston, Martinsdale, Meagher county. Brand for cattle, thus, right ribs.

H. F. Entermarks, Antelope, Dakota. Brand for cattle, thus, left hip. Brand for horses same, left hip.

Richard Davies, Big Timber, Park county. Brand for sheep, thus, on the left side or the left jaw, or the left side of face. Brand for Angora goats, the same on the left side of face, or on the left jaw. Vent for all, same brand, thus, left jaw.

Charles O. Kendall, Fort Benton, Choteau county. Brand for cattle, thus, left shoulder. Brand for horses same, left thigh. Vent for cattle same, inverted to right of brand. Vent for horses same, inverted to right of brand.

Charles Meyers, Fort Custer, Custer county. Brand for cattle, thus, right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right flank. Vent for horses same, right flank.

Martin Carr, Deer Lodge, Deer Lodge county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Harvey Bliss, Big Timber, Park county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

Dion & Cain, Glendive, Dawson county. Brand for horses, thus, left shoulder. Vent for horses same reversed, left hip.

August Erickson, Great Falls, Choteau county. Brand for cattle, thus, AR right shoulder. Brand for horses same, right shoulder.

Arthur W. Miles, Livingston, Park county. Brand for cattle, thus, • • • right ribs. Brand for horses same, right shoulder.

Miles & Coe, Livingston, Park county. Brand for cattle, thus, QL right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Geo. S. Gordon. Helena, Lewis and Clarke county. Brand for cattle, thus, 44 right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right thigh. Vent for horses same, right thigh.

John Schmid, White Sulphur Springs, Meagher county. Brand for cattle, thus, JS left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left thigh. Vent for horses same, left thigh.

Loring B. Rea, Miles City, Custer county. Brand for cattle, thus, JW left thigh. Brand for horses same, left thigh.

L.W. McPherson, Bozeman, Gallatin county. Brand for cattle, thus, LO left hip. Brand for horses same, left hip.

Rev. J. H. Little, Sun River, Lewis and Clarke county. Brand for cattle, thus, JH left ribs. Brand for horses same, left shoulder.

C. Gertenson, Allard, Dawson county. Brand for cattle, thus, TH right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Wm. Bray, Silver Star, Madison county. Brand for cattle, thus, WB left ribs. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Geo. F. Davis, Oka, Meagher county. Brand for cattle, thus, D left thigh. Brand for horses same, left thigh.

Stroh Bros., Deer Lodge, Deer Lodge county. Brand for cattle, thus, S+B left shoulder. Brand for horses same, left shoulder.

C. B. Perkins, Dupuyer, Choteau county. Brand for cattle, thus, left thigh. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Edward Ricketts, Clyde Park, Park county. Brand for horses, thus, left shoulder.

John Steinmetz, Helena, Lewis and Clarke county. Brand for cattle, thus, JS left ribs. Brand for horses same, left shoulder.

Maria Lochray, Great Falls, Choteau county. Brand for cattle, thus, right hip. Brand for horses same, right hip.

Geo. Gipson, Terry, Custer county. Brand for cattle, thus, GIP left ribs. Brand for horses same, left thigh. Vent for cattle same, left hip. Vent for horses same, left shoulder.

Jas. Cooper, Livingston, Park county. Brand for horses, thus, right shoulder.

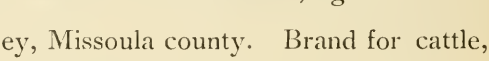
J. W. Brooks, Newlon, Dawson county. Brand for cattle, thus, N left ribs. Brand for horses same, left shoulder. Vent for cattle same reversed above original brand. Vent for horses same reversed above original brand.

Michael Doody, Meaderville, Silver Bow county. Brand for cattle, thus, lef shoulder.

Ruth Wells, Dillon, Beaverhead county. Brand for cattle, thus, (apple) right hip. Brand for horses, thus, A X left thigh. Vent for cattle, above cattle brand, on right shoulder. Vent for horses, above horse brand, on left shoulder.

Phil E. Evans, Deer Lodge, Deer Lodge county. Brand for cattle, thus, P E left ribs. Brand for horses same, right shoulder.

W. R. Schultz, Ashley, Missoula county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left hip.

Howard Bickford, Newlon, Dawson county. Brand for cattle, thus, right rump. Vent for cattle same, thus,  underneath the brand.

W. F. Johnson, Jr., Highwood, Choteau cotnny. Brand for cattle, thus, right ribs. Brand for horses same, righ$_t$ shoulder. Vent for cattle same upside down, right hip. Vent for horses same upside down, right hip.

Mrs. Rebecca T. Wallace, Dillon, Beaverhead county. Brand for cattle, thus, right hip.

Mary Stuefen, Cartersville, Lewis and Clarke county. Brand for cattle, thus, C J right hip. Brand for horses same, right thigh. Vents for cattle and horses, horizontal bar across middle of the brand.

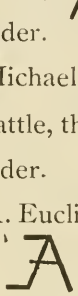
P. Shannon, Belt, Meagher county. Brand for cattle, thus, right hip. Brand for horses same, right hip.

John Elliott, Melville, Gallatin county. Brand for cattle, thus, right ribs. Brand for horses same, left shoulder. Vent for cattle same, right shoulder. Vent for horses same, left hip.

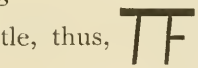
Joseph Hirshberg, Choteau, Choteau county. Brand for cattle, thus, SN right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Roy Nutting, Laurel, Yellowstone county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder.

Michael Turville, Augusta, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

A. Euclid Akin, Glendive, Dawson county. Brand for horses, thus,  right shoulder.

Amos P. Dorrance, Lincoln, Deer Lodge county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh.

Charles Fredensberg & Charles Thompson, Selish, Missoula county. Brand for cattle, thus,  right hip. Brand for horses same, right hip. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

J. W. Rose, Virginia City, Madison county. Brand for cattle, thus, 1888 right shoulder. Brand for horses same, right shoulder.

John Merry, Helena, Lewis and Clarke county. Ed. Moran, Utica, Fergus county. Brand for horses, thus, right shoulder.

Mrs. Eva Garvin, Billings, Yellowstone county. Brand for cattle thus, left ribs. Brand for horses same, left hip. Mark for cattle, crop and split left ear.

Samuel McGregor, Martinsdale, Meagher county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

Elmer Briggs, Highwood, Choteau county. Brand for cattle, thus, VK left ribs. Brand for horses same, left thigh. Mark for cattle, punch in each ear.

J. J. O'Connor, Augusta, Lewis and Clarke county. Brand for cattle, thus, 44 left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

E. P. Hinsdale, Junction City, Yellowstone county. Brand for cattle, thus, HN left ribs. Brand for horses same, left hip. Mark for cattle, swallowfork right ear and underbit in left ear.

Michael Jenizen, Lavina, Fergus county. Brand for cattle, thus, JJ right hip. Brand for horses same, right hip.

Fred H. Lewis, Fort Logan, Meagher county. Brand for cattle, thus, FL left ribs.

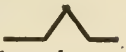
William North, Belleville, Choteau county. Brand for horses thus, —N— left hip.

A. E. Clowes, Deep Creek, Meagher county. Brand for cattle, thus, AC left ribs. Brand for horses same, left thigh.

Griffin, Rose & Martin, Stanford, Fergus county. Brand for cattle, thus, 10 right shoulder. Brand for horses same, right shoulder.

A. W. Lindly, Muddy, Custer county. Brand for cattle, thus, UN right shoulder. Brand for horses same, right shoulder. Vent for cattle same, above original brand. Vent for horses same, above original brand.

Mrs. Ellen Davey, White Sulphur Springs, Meagher county. Brand for cattle, thus, ND right shoulder. Brand for horses same, right hip.

C. J. McNamara, Fort Maginnis, Fergus county. Brand for horses, "Flying A," thus,  left shoulder. Vent for horses same brand inverted under original brand.

C. J. McNamara, Fort Maginnis, Fergus county. Brand for horses an arrow thus, left shoulder. Vent for horses same, arrow with point upward perpendicularly across the brand.

James O'Marr, White Sulphur Springs, Meagher county. Brand for cattle, thus, left jaw. Brand for horses same, left jaw. Vent for cattle same, left flank. Vent for horses same, left flank.

Morgan & Rappold, Dupuyer, Choteau county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

Mrs. C. Hogue, Lewistown, Fergus county. Brand for cattle, thus, on the right shoulder.

Catherine McGinn, Cottonwood, Fergus county. Brand for horses, thus, left thigh. Vent for horses same, left shoulder.

William Bond, St. Louis, Jefferson county. Brand for cattle, thus, right thigh.

John Phillips & T. M. Newland, Jefferson City, Jefferson county. Brand for cattle, thus, right shoulder. Vent for cattle same, right hip.

Mendenhall & Sullivan, Muddy, Custer county. Brand for cattle, thus, left ribs.

Ben F. Graham, Townsend, Meagher county. Brand for cattle, thus, left hip. Brand for horses same, left stifle. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Angus Bell, Musselshell, Fergus county. Brand for cattle, thus, UTAH left ribs. Brand for horses same, left shoulder.

M. F. Sloper, Elliston, Deer Lodge county. Brand for cattle, thus, S S S right thigh. Brand for horses same, right thigh.

John Rye, Melville, Gallatin county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

H. M. Packard, Stanford, Fergus county. Brand for horses, thus, left shoulder. Vent for horses same, left hip.

Andrew Johnson, Melville, Gallatin county. Brand for cattle, thus, left ribs. Vent for cattle, same brand with half circle under, thus, Mark for cattle, half undercrop off right ear.

Thomas O. Cartar, Livingston, Park county. Brand for cattle, thus, right shoulder. Brand for horses same, right shoulder.

Henry Gulker, Jefferson, Jefferson county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder. Vent for cattle, same smaller, under brand. Vent for horses, same smaller, under brand.

C. M. Clary, Philbrook, Fergus county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh. Vent for cattle same under original brand. Vent for horses same under original brand.

Jans Kannigard, Timberline, Gallatin county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

Henry Nitsche & Robert Troeltzsch, Dearborn, Lewis and Clarke county. Brand for cattle, thus, NT right hip. Brand for horses same, right hip.

Chas. Bowman, Cartersville, Lewis and Clarke county. Brand for cattle, thus, VK left ribs.

Eaton Bros., Medora, Billings county, Dakota. Brand for horses, thus, ⅄ left jaw. Vent for horses same, left shoulder.

F. D. Kingsbury, Fort Benton, Choteau county. Brand for cattle, thus, 7K left ribs.

George W. White, Miles City, Custer county. Brand for cattle, thus, ⅄ left hip. Brand for horses same, right thigh.

R. B. Thompson & Mrs. J. B. Thompson, Sahara, Fergus county. Brand for cattle, thus, VL left ribs.

Louis King, Belt, Meagher county. Brand for cattle, thus, K left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Giacomo Bertone, Butte, Silver Bow county. Brand for cattle, thus, right hip. Brand for horses same, right hip.

Pat. O'Herron, Livingston, Park county. Brand for cattle, thus,)P(right hip. Brand for horses same, right hip.

Frank C. Draper, Halbert, Fergus county. Brand for cattle, thus, D right ribs. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

Lee Bros., Miles City, Custer county. Brand for cattle, thus, W left ribs. Brand for horses same, left shoulder. Mark for cattle, underslope and overslope left ear.

Jason Jones, Bozeman, Gallatin county. Brand for cattle, thus, JL left ribs. Brand for horses same, left shoulder.

Mrs. F. J. Brooks, Missoula, Missoula county. Brand for cattle, thus, B left hip. Brand for horses same, left hip.

O. J. Haines, Dillon, Beaverhead county. Brand for cattle, thus, J right ribs. Brand for horses same, right thigh.

A. Dallas, McClennan, Deer Lodge county. Brand for cattle, thus, # left shoulder. Vent for cattle same, left hip. Mark for cattle, V out of both ears.

J. I. Haines, Virginia City, Madison county. Brand for cattle, thus, 3 right ribs. Brand for horses same, right thigh.

James Allan, Stanford, Fergus county. Brand for cattle, thus, 2A left ribs. Brand for horses same, left thigh.

Mendenhall & Sullivan, Muddy, Custer county. Brand for horses, thus, left hip, high up.

Eugene Stark, Virginia City, Madison county. Brand for horses, thus, SK left jaw.

Wm. J. Rowe, Sheridan, Madison county. Brand for cattle, thus, ROE right ribs. Vent for cattle same, right shoulder. Mark for cattle, end of right ear cropped, underbit out of left ear.

Thomas Crahan, Bedford, Jefferson county. Brand for cattle, thus, right ribs.

Henry Chadd, Great Falls, Choteau county. Brand for horses, thus, left shoulder.

Conrad Fuchs, White Sulphur Springs, Meagher county. Brand for cattle, thus, F right hip. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

Mrs. Magina White, Gallatin, Gallatin county. Brand for cattle, thus, FW left hip. Brand for horses same, left hip. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

J. T. Carolan, Forsyth, Custer county. Brand for horses, thus, T left hip.

Henry Radcliffe, Belleview, Choteau county. Brand for cattle, thus, left hip. Brand for horses same, left thigh.

Ira Woolsey, Halbert, Fergus county. Brand for horses, thus, right thigh. Vent for horses same, right shoulder.

John Ogle, Fort Benton, Choteau county. Brand for cattle, thus, JO left hip. Vent for cattle same, left shoulder.

Schwartz Bros., Red Rock, Beaverhead county. Brand for cattle, thus, K left ribs. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

Elmer A. Douglas, Boulder Valley, Jefferson county. Brand for cattle, thus, D right hip. Brand for horses same, right shoulder. Vent for cattle same, right ribs. Vent for horses same, right hip. Mark for cattle, underbit in each ear.

Charles Lovering, Newlon, Dawson county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder.

James B. Callen, Butte, Silver Bow county. Brand for cattle, thus, left shoulder.

Mrs. Mary Ereaux, Coal Bank, Choteau county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder. Mark for cattle, underslope in left ear.

W. W. Coates, Martinsdale, Meagher county. Brand for cattle, thus, P left thigh. Brand for horses same, left thigh.

Charles Adams, Truly, Cascade county. Brand for cattle, thus, CA left shoulder. Brand for horses same, left shoulder.

J. T. Rankin, Melville, Park county. Brand for cattle, thus, right shoulder. Brand for horses same, left shoulder.

Gabriel Rousselle, Selish, Missoula county. Brand for cattle, thus, R • right hip. Brand for horses same, right hip.

Eugene Despin, Ashley, Missoula county. Brand for cattle, thus, E D left thigh. Brand for horses same, left thigh.

Mrs. Mary A. Tuttle, Belfield, Dakota. Brand for cattle, thus, TUT on the ribs of either or both sides. Brand for horses same, left hip. Vent for cattle and horses, horizontal bar beneath the brand.

Mrs. Mary A. Tuttle, Belfield, Dakota. Brand for cattle, thus, right hip. Vent for cattle, horizontal bar beneath the brand.

Tunad Swanson, Clancy, Jefferson county. Brand for horses, thus, 6 left shoulder.

Chas. E. Hoag, Truly, Cascade county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Mark for sheep, wattle on face.

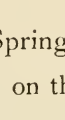
Ed. F. Bryant, Divide, Silver Bow county. Brand for cattle, thus, right hip. Brand for horses same, right shoulder.

Henry B. Hoffman, Deer Lodge, Deer Lodge county. Brand for cattle, thus, right thigh. Brand for horses same, right shoulder. Mark for cattle, bit off end of and over and under right ear.

C. M. Bair, Helena, Lewis and Clarke county. Brand for cattle, thus, B C left hip. Brand for horses same, left shoulder.

E. E. Haynes, Dillon, Beaverhead county. Brand for cattle, thus, right hip. Brand for horses same, right thigh.

Thomas Shirley, Ennis, Madison county. Brand for cattle, thus, left thigh.

John O'Marr, White Sulphur Springs, Meagher county. Brand for cattle and horses, thus,  on the left hip. Vent for cattle and horses same on the left shoulder.

E. L. More, Judith Landing, Choteau county. Brand for cattle, thus, left ribs. Brand for horses same, left stifle.

Thomas M. Hamilton, Helena, Lewis and Clarke county. Brand for cattle, thus, left ribs. Brand for horses same, left thigh. Vent for cattle same, left hip. Vent for horses same, left shoulder.

Geo. E. Newman, Putnam, Custer county. Brand for cattle, thus, left ribs. Brand for horses same, right shoulder.

H. A. Rediker, Lewistown, Fergus county. Brand for cattle, thus, left shoulder. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip. Mark for cattle, underbit left ear.

F. B. Scovel, Cottonwood, Meagher county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Vent for cattle same, left hip. Vent for horses same, left hip.

Geo. H. Simpson, Big Timber, Park county. Brand for cattle, thus, left hip. Brand for horses same, left shoulder. Vent for cattle same, left shoulder. Vent for horses same, left hip.

Jas. & Henry Trebilcock, Elliston, Deer Lodge county. Brand for cattle, thus, left hip. Brand for horses same, right shoulder.

John L. Lewis, Philbrook, Fergus county. Brand for cattle, thus, right hip. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

L. P. Tintinger, Melville, Gallatin county. Brand for cattle, thus, left hip. Brand for horses same, left hip.

M. Driscoll, Roundup, Yellowstone county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder.

Thos. D. Meixsell, Martinsdale, Meagher county. Brand for cattle, thus, right ribs. Brand for horses same, right thigh. Vent for cattle same, right shoulder. Vent for horses same, right shoulder.

C. W. Barney, Billings, Yellowstone county. Brand for cattle, thus, left ribs. Brand for horses same, left shoulder. Brand for sheep same, back. Vent, brand above original. Mark for cattle, wattle at curve of throat.

H. A. B. Brady, Three Forks, Gallatin county. Brand for cattle, thus, left hip. Brand for horses same, left thigh.

Sol Lutz, Ubet, Fergus county. Brand for cattle, thus, right ribs. Brand for horses same, right shoulder.

Edward O'Rourke, Fort Maginnis, Fergus county. Brand for cattle, thus, ER left shoulder. Brand for horses same, left thigh. Vent for cattle, same reversed under original brand. Vent for horses, same reversed under original brand.

Thomas Sloan, Musselshell, Yellowstone county. Brand for cattle, thus, right hip. Brand for horses same, right hip.

J. H. Crowley, Lewistown, Fergus county. Brand for cattle, thus, right shoulder. Brand for horses same, right shoulder. Vent for cattle same, right hip. Vent for horses same, right hip.

Zoe Lulu Harmon, Miles City, Custer county. Brand for horses, thus, Z left thigh.

M. Christen, Ashley, Missoula county. Brand for cattle, thus, Λ left thigh. Brand for horses same, left shoulder. Vent for both same.

A. Murphy, Wisdom, Beaverhead county. Brand for cattle, thus, right hip.

John W. Galvin, Redford, Jefferson county. Brand for cattle, thus, J/G right shoulder. Brand for horses same, right hip. Vent for cattle same, right hip. Vent for horses same, right shoulder.

George Kerwin, St. Louis, Jefferson county. Brand for horses, thus, W—W right thigh.

M. C. Lowry, Howard, Custer county. Brand for cattle, thus, LF left hip. Brand for horses same, left thigh. Mark for cattle, crop off right and underbit in left ear.

Louisa H. Ragan, Virginia City, Madison county. Brand for cattle, thus, (4) left thigh. Brand for horses same, left thigh.

Henry Bronner, Dillon, Beaverhead county. Brand for cattle, thus, UB left hip. Brand for horses same, left thigh. Vent for cattle same, left shoulder. Vent for horses same, left shoulder.

J. T. Roggers, Sheridan, Johnson county, Wyoming. Brand for cattle, thus, P—R left ribs. Brand for horses same, left shoulder.

INDEX TO APPENDIX.

NAME.	PAGE.
A	
Abbott, C. P.	36
Adams, Chas	70
Akin, A. Euclid	63
Alderson, W. W	44
Allan, Jas	68
Allen, Mrs. Lorena	58
Allen, Taylor	35
Allen, Jas	37
Anderson, Louis	46
Anderson, Wm. J	47–38
Anthony, A. W	25
Antisell, Dr. Thos., Jr	40
Atkinson, Mrs. Herbert	44
Auchard Richard	49
Awe, Fred	24
Awe, Lewis	37
B	
Baart, Theodore	41
Bair, C. M	70
Baker, O	42
Baldwin, E. A. & Bro	26
Ball, R. S	50–30
Ballard & Hill	23
Barnard, Rob't J	53
Barnes, Mrs. Ellen	31
Barney, C. W	72
Barr, Thomas	37
Barron, Geo. G	48
Bartlett. Miss Lizzie A	27
Battersby, W. H	27
Beach, Solomon A	57
Beach, Elizur	21
Beasley, Geo. M	22
Beaverhead Live Stock Co	33
Becker, J. P	49
Becker, Mattie	53
Bell, Angus	66
Bennett, Finlay	45
Berg, Herman	22
Bertone Giacomo	67
Bickford, Howard	62
Bicknell & Remond	53
Biglen, P.	33
B rr, August	49
Blake, J. M	50
Blessing, S. V	26
Bliss, Harvey	59
Bond, William	65
Bowman, Chas	67
Brady, H. A. B	72
Bradstreet. Harry	40
Brass, Herman	31
Bray, William	61
Bray, Mrs. D. J	19
Brewster, C. F	47
Briggs, Elmer	64
Broadwater, McCulloh & Co	23–28
Brock, E. T	34
Brodston, Thos	26
Bronner, Henry	73
Brooks, Mrs F. J	68
Brooks, J. W	61
Brow, Frank	31
Bruckmann, Louis	38
Bryant, Ed. F	70
Bull Mountain Cattle Co	31
Burch, Henry Taylor	36
Burt, B. J	23
Busch, Louis	45
Butterfield, Bros	42
Byrd, Jno. Jinior	56
C	
Callen, Jas. B	69
Campbell, Jas	34
Campbell, N. S. & Co	59
Carolan, J. T	69
Caron, Alfonce	55
Carr, Martin	59
Carr, Mrs. Martha	56
Cartar, Thos. O	66
Carter, Thos. G	46
Cassidy, Patrick	48
Chadd, Henry	68
Chambers, Harry	38
Charters, R	47
Cholsser, J. E	37
Christen, M	73
Clark, A. M	32
Clarke & Crispin	50
Clary, C. M.	66
Clement Bros	31
Clemons, W. C	54
Clemons, Arora	33
Clifford, R. W	36
Clowes, A. E	64
Coaley, Edwin	20
Coates, W. W	69
Cockrill. M. S. & J. R	42
Cole, Dr. C. K	34–28
Coleman, Jas	51
Constock, G. P	48
Cooley, W. B.	41
Cooper, Jas	61
Corker, Wm	57
Corry, Mrs. Anna M., Estate of	54
Countryman, Rosie B	29
Cox, Levi	40
Craft, Jno. T	47
Crahan, Thos	68
Crampton & Norton	20
Crane, Headley & Co	54
Craver, Mrs. Mary D	32
Crisp, Mrs. India A	26
Cross, C. R	26
Crowley, J. H	72
Cruse & Anceney	38
D	
Dallas, A	68
Dana, G. W	21
Danioth, Hy	21
Davey, Mrs. Ellen	64
Davey, Noah	56
Davis, G. F	61
Davies, Richard	59
Day, G. F	52
Dern, Ludwig	20
Despin, Eugene	70

NAME. PAGE.
Dion & Cain 59
Doherty, Patrick R 36
Doody, Michael 62
Dorrance, Amos P. 63
Doty, Edwin J 39
Douglas, Elmer A. 69
Douglas, G. A., Jr. 49
Doust, Alex 24
Doyle, P 34
Draper, Frank C 67
Driscoll, M. 72
Dubois, Michael 57
Duncan & Bro. 51
Duncan, Robert A. 23

E

Eastman, J. J 58
Eaton Bros. 67
Edge, Peter N. 37
Edwards, Townsend 19
Edwardson, Gilbert 42
Elliott, John 62
Elling & Buford 54
Ellingson, Hy. 21
Ellis, Miss Fannie B. 56
Elston, Mrs. Martha M. 59
Emhof, John 51
Entermarks, H. F. 59
Ereaux, Mrs. Mary 69
Erickson, August 60
Evans, W. S. & Sons 55
Evans, Phil E 62

F

Farrell & Varney 55
Ferris, Mrs. A. L. 48
Filson, Daniel Boone 56
Fitzpatrick, L 49
Flinn, A. N. 41
Flynn, John E. 51
Flynn, T. B. 40
Ford, Bessie 51
Fox Harvey A 55
Fredensberg, Chas. & Chas. Thompson 63
Freeman, John M 19
French, Mrs. Geo 30
Fryatt, John. 27
Fuchs, Conrad 68

G

Gaines & Hammond 33
Galvin, John W. 73
Garvin, Mrs. Eva 63
Geddes, Jas. P. 37
George, D. N. & Bro. 28
Gertenson, C. 60
Gibney, Mrs. Kate. 25
Gibson, C. S. 37
Gilman, G. V. 45
Gipson, Geo. 61
Gogarty, Hugh 35
Goode & Thornhill 43
Goodall, H. C. 57
Gordon, Geo. S. 60
Gove, Fred D. 46
Graham, Ben. F. 65
Gredel, Nicholas 44
Green, Hugh 23
Greene & Craven 57
Griffin, Rose & Martin 64
Griffin, G. P. 33
Gulker, Hy. 66

H

Hagin, Geo. L. 23
Haigler, J. W. 41
Haines, O. J. 68
Haines, J. I. 68
Hamilton, Thos. M 71

NAME. PAGE.
Harmon, Zoe Lulu 73
Harrendrup, P. L. 20
Hart Bros. & F. W. Sorby 45
Harris, Mrs. E. A. 53
Harvey, Mary 38
Hastie, E. D. 56
Hastings, D. S. 27
Hatton, P. J. & Wm. F. Myers 57
Haupt, Henry 51
Hay, George 22
Hay, Andrew G. 36-22
Hayden, A. A. 50
Haynes, E. E 71
Hebert, Bros. 27
Hedges, M. M. & Son 26
Heneage & Hunter 39
Henry, Albert A. 58
Hickman, R. O 57
Hinsdale, E. P. 64
Hirshberg, Jos. 63
Hisey, Samuel 21
Hoag, Chas. E. 70
Hodgson, Geo. T. 23
Hoey, G. H. 33-30
Hoff, W. H. 27
Hoffman, Hy. B. 70
Hogue, Mrs. C. 65
Holbrook, D. C. 20
Holliday, S. L. 56
Hotchkiss, A. N. 34
Hortop, G. D. 22
Hough, A. 42
Houghton, Horace S. 55
Hull, I. D. 29
Humphreys, N. J. 39
Hunnewell, Mrs. A 52

I

Irwin, Jas. F. 52
Irwin, Wm. H. 52

J

Jarrett, Spencer 54
Jellison, E. J. 48
Jenizen, Michael 64
Jenkins, J. P. & R. P 27
Jiaconiella, Jas. 39
Johnson, Andrew 66
Johnson, W. F., Jr. 62
Johnson, Cordie E. 23
Johnson, John N. 44
Jones & Montgomery 21
Jones, Jason 67
Jordan, J. N 38
Jordan, W. F. 46

K

Kalin, Frank 53
Kannigard, Jans. 66
Keene, H. L. 22
Keithler, J. M. 55
Keis, E. 58
Keller, Robert 51
Kellogg; H. O. 24
Kelly, O. W. & Sons 58
Kendall, Chas. O 59
Kenhey, Wm 35
Kerwin, Geo 73
Killaly, Percy. 24
King, Louis 67
King Bros. 58
Kingsbury, F. D. 67
Klane, Chas. Raymond. 35
Klane, Mrs. Mary E. 35
Knapp, Geo. 54
Knowles, Chas. J 57
Knowles, S. H. 28
Krhrusgrill, Conrad 13

NAME. PAGE.

L

Lang, John 42
Lasalle, Adolph 28
Laubenheimer, Val 40
Lauge, Philip 47
Laux, Philip 29
Leavens, Robert 49
Lee, E. L. 31
Lee Bros. 67
Leven, Ed. & Alex. Erickson 48
Lewes, Edwin J. 22
Lewis, Fred H. 64
Lewis, John L. 72
Lewis, J. G 53
Lindly, A. W 64
Lindsay, Wm. 54
Little, Rev. J. H. 60
Livingston, R., Jr. 58
Lochray, Maria 61
Loftus, Jas. 20
Logan, Wm. 36
Longmaid, Frank 19
Lovering, Chas. 69
Lovett, H. T. 29
Lowry, M. C. 73
Luppold, Miss Theresa 32
Luther, M. & Seth A. Jones 42
Lutz, Sol 72
Lynch & Leary 39
Lynch, M. A. 44
Lynch, Teddy 46
Lyons, W. H. 35

M

McCam, Geo 20
McGee, E. S. 53
McGiffin, Nat & Co. 21
McGinn, Catherine 65
McGregor, Samuel 63–23
McLean, C. W 25
McLean, Kuhler & Bell 40
McLean, Kenneth 43
McMonigal, John 19
McNamara, C. J 65–65
McNurlin, Watson 31
McParland, Joseph 46
McPherson, L. W. 60
McQueeney, Mrs. Belle 43
Maloney, M 54
Martin, Jas. P. 20
Mason & Hatch 41
Maxwell, Mrs. Clara 19
Mayhew, John W. 47
Meixsell, Thos. D. 72
Mendenhall & Sullivan 68–65
Mercer, Philip 46
Merrill, F. C 25
Merry, John 63
Metzel Live Stock Co. 30
Meyers, Chas 59
Miles & Coe 60
Miles, Arthur, W 60
Miles, Geo. M. 50
Milligan, G. A 34
Mitchell, Frank 46
Monahan, Jas. 34
Moon, Ray F 25
Moore, Geo. W. & Bro. 35
Morgan & Rappold 65
Morgan, J. A. 29
Moran, Ed 63
More, E. L 71
Mullery, Vincent W. 47
Murphy, A. 73
Murphy, Augustus C 36
Myers, Alfred & Bro. 26
Myles, John 48

NAME. PAGE.

N

Nankivell, Henry 48
Neal, J. C. 25
Neate, A. E. 57
Nelson, Monroe 22
Newman, Geo. E. 71
Newnam, Mrs. Geo. E. 50
Nitsche, Hy. & Robert Troeltzsch 66
North, Wm. 64
Nutting, Roy 63
Nyhart, C. A. 24

O

O'Bryan, John 53
Ockerman, Frank 37
Ockerman, Gust. O 37
O'Connor, Daniel 30
O'Conner, J. J. 64
Ogle, John 69
Oglesby, John R. 45
O'Herron, Pat 67
Olgardt, Henry 21
Olson & Hansen 21
O'Marr, John 71
O'Marr, Jas. 65
O'Neill, Chas 24
O'Rourke, Edw. 72

P

Packard, H. M. 66
Packard & Maltby 49
Parent, Major & Wilber 44
Parker, Wm. 40
Parker, W, & A. 25
Parr, Joseph. 24
Pattee, B. M. 48–41
Patterson, John B. 47
Paul, A. V. 32
Perkins, C. B. 61
Phillips, H. G. 43
Phillips, John & T. M. Newland 65
Platt, Nellie 43
Pollock, Wendell N. 30
Poore, Jane 23
Pruiett, Levi. 32
Putnam, Miss Vina 50
Putnam, Mrs M. S. 38

R

Radcliffe, Henry 69
Ragan, L. H. 73
Rainsford, John C. 30
Rankin, J. T. 70
Rea, Loring B. 60–58
Rea, Davis, Clarke & Co 52
Read & Burmeister 50
Rediker, H. A. 71
Rediker, H. A. 71
Reed, Tal. 21
Reinig, William. 51
Richardson, B. 44
Richardson, Mrs. Frances C 44
Ricketts, Edward 61
Robbins, G. A. & F. E. 24
Roberts, Otis E. 52
Robertson, H. A. 45
Robertson, Hannibal 31
Rock, Felix 42
Roggers, J. T. 73
Rose, J. W 63
Ross, John 36
Ross, Lindsey & Linklator 30
Ross, H. H. & W. J. Lindsey 29
Rousselle, Gabriel 70
Rowe, W. J. 68
Rowe, E. P. 51
Roy, Emily 34
Ruffa, C. 38
Rye, John 66

NAME. PAGE.

S

St. Peter, Oliver, D.....41
St. Peter, Peter.....45
Sargeant, F. E.....50
Sauer, Alphons.....27
Sawyer, R. H.....43
Schrammeck, Hy.....45
Schroeder, John.....38
Schmid, John.....60
Schultz, W. R.....62
Schwartz Bros.....69
Scott, John.....36
Scott & Bogy.....56
Scovel, F. B.....71
Seybold, J. V.....47
Seybold, M. H.....47
Shannon, P.....62
Shelden, Geo.....55
Shepard, J.....58
Sherman, Geo. W.....43
Sheser, J. H. & Wm. N. Snow.....32
Shiell, Wm.....50
Shirley, Thos.....71
Shreve, O. J. & B. F.....34
Shy, C. C.....41
Simpson, Geo. H.....71
Skelton, Samuel M.....35
Sloan, Thos.....72
Sloper, M. F.....66
Smith, W. G.....54
Smith, O. H.....25
Stack, John F.....28
Stark, Eugene.....68
Staut, Christian.....33
Steinmetz, John.....61
Stephens, W. F.....39
Stevens, E. M.....32
Stevenson & Askew.....39
Stone, W. C.....25
Stoughton, S. F.....42
Stovenour, Mrs. Emily J.....29
Strait, Will F.....42
Stroh Bros.....61
Stuefen, Mary.....62
Sun River Sheep Co.....39
Succetti, Giovanni.....39
Sutter, Jos.....32
Sutter, Eddie.....28
Suitor, S. E.....48
Swanson, Tunad.....70
Swope, Edwin.....46

T

Taliaferro Bros.....29
Taylor, J. M. D.....27
Taylor, Frank E.....28
Taylor, Frank D.....29

NAME. PAGE.

Taylor, J. E.....56
Terrell, Whitney.....37
Thayer, Fred M.....58
Thomas, E. B.....53
Thompson Bros.....47-44
Thompson, B. J.....22
Thompson, R. B. & Thompson, Mrs J. B.67
Thornig, W. A.....19
Tintinger, L. P.....72
Traxler, John B.....37
Trebilcock, Jas. & Hy.....71
Turner & Cresap.....43
Turvilie, Michael.....63
Tusler, H.....26
Tuttle, Mrs. Mary A.....70

V

Valentin, Robert.....51
Van Cleve, P. L.....28
Van Wart, Cales P.....19
Varney, H. B.....43
Vater, Ernst B.....49
Vehawn, T. J.....40

W

Walker, J. C.....45
Wallace, Mrs. Rebecca T.....62
Walrath, Mrs. Harriet C.....49
Walrond Cattle Ranch Ld.....52
Warner, O. H.....35
Watters, A. F.....41
Watson, W. W.....40
Weaver, W. H. & J. L. Barker.....26
Weidman, A. P.....33
Weldon, J. M.....38
Wells, Ruth.....62
Westbrook, Helena E.....55
Wetzel, Maggie.....55
Wheeler, Jennie May.....33
Whiddon Wm.....52
Whipple, H. H.....40
Whistler, K. G.....26
White, Geo. W.....67
White, Daniel T.....24
White, Geo. O.....46
White, Mrs. Magina.....69
Whitney, E. A.....30
Wilcox, E. C.....52
Willits, J. O.....29
Williams, Belle.....50
Winslow, Jas. J.....49
Winslow, Mrs. C. C.....33
Wittwer, J. G.....20
Woolsey, Ira.....69

Y

Young, R. W.....23